



Waggoner[®]

attachments

THINK BIG!

HOLD THE WORLD

• material
handling
equipments •

FORKLIFT ATTACHMENTS

boards and sideshifters • fork positioners • rotators • clamps
carton and whitegoods clamps • paper roll clamps • palletless handling solutions
multi pallet handlers • buckets • brick and block clamps • block grapples
bin and box rotators • 360° rotating attachments • specialized attachments • mechanical

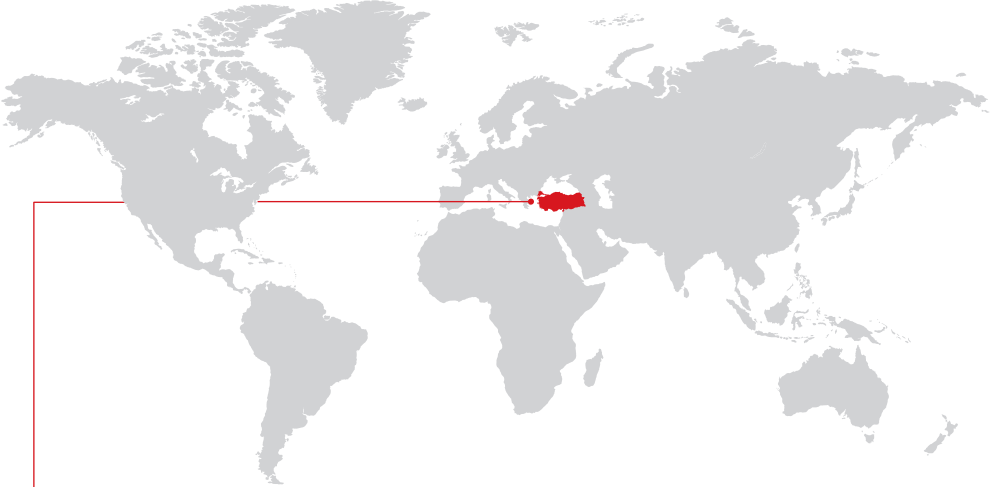
PRODUCT LIST

Waggon®

attachments

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HOLD THE WORLD



• WAGGER ATTACHMENTS

GULMAK ISTIF MAKINALARI SAN. VE TIC. LTD. STI.
YESILOBA MAH. ORTA OLCEKLI SANAYI SITESI 46247 SOKAK NO: 2/A
SEYHAN / ADANA / TURKIYE

Phone: +90 (322) 428 08 58 - 428 08 97 Fax: +90 (322) 428 09 25
Web: www.waggon.com.tr E-mail: info@waggon.com.tr

ABOUT US

GÜLMAK İSTİF MAKİNALARI SAN. VE TİC. LTD. ŞTİ.'s origin was established in 1968 by Selim Gül to provide maintenance and repair activities for forklifts, telehandlers, construction equipments and their attachments. In 2004, it continues its strong presence in the sector with the production of high quality forklift and telehandler attachments in the local and global markets of the sector under the brand of "Waggar Attachments".

Today, Waggar Is The Leading Manufacturer of Forklift Truck Attachments, Telehandler Attachments, Backhoe Loader Attachments And SSL Attachments, with The Most Extensive Product Range In Turkey.

WAGGER has been active for almost twenty years in the design, manufacture and distribution of forklift attachments and industrial material handling equipments.

WAGGER started by establishing a system that consistently produces attachments with high quality and aesthetic production methods, focused on customer satisfaction, which are accepted all over the world.

To achieve this, WAGGER created a model that will enable growth with both users and suppliers. WAGGER has always supported this philosophy with the slogan of "True success is repeatable success". WAGGER distributors, WAGGER suppliers and WAGGER employees were identified as the three most important elements that underpin this philosophy.

Above all, WAGGER defended its commitment to the systems approach. Thus, while many of its most famous attachments, such as bale clamps, rotators, paper roll clamps and multi pallet handlers, were carefully created, the WAGGER production system required adherence to the principles of quality, aesthetics and customer satisfaction in all of its products.

WAGGER's passion for quality meant testing components to fit the production system, perfecting products. WAGGER shared its vision for the future with suppliers and ensured their commitment to the system's quality concept. Thus, it has always succeeded in producing quality, aesthetic and customer oriented production at the same standard.

From its passion for quality and efficiency to its relentless pursuit of aesthetics, WAGGER's inspiring initiatives remain an integral part of WAGGER culture today and into the future.



1

**BOARDS &
SIDESHIFTERS**

2

**FORK
POSITIONERS**

3

ROTATORS

4

CLAMPS

5

**CARTON & WHITEGOODS
CLAMPS**

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WAGGER ATTACHMENTS

Waggon Genuine Parts



WAGGER ATTACHMENTS
Wagger Factory



DATA SHEET

General Terms And Conditions

1. Ordering Information

Following information is required to process your order as fast as possible:

- Product code of the required unit from the technical table.
- Lift truck model and mounting class of fork carriage.

Orders for spare parts must be accompanied by the serial number of the Wagger attachment written on the name plate.

2. Dimensions, Weight and Technical Data

Dimensions, weight and pictures are non-binding and all are subject to change with the required unit specification. Technical drawings are mainly standart and can not display all available types, they only show the build principle. The right of technical changes and further developments without notice is reserved.

3. Special Products

Special or customized products are available on request. A complete description of the application is required to specify the technical requirements.

4. Painting

Wagger Attachments are painted in the colour Ral 3020, Red as standard. Further colour is available on request.

5. Certificate

Wagger is certified according to DIN EN ISO 9001:2008 Quality Management System and DIN EN ISO 3834-2 Welding Quality Assurance.

6. Delivery

Delivery is EXW Adana Wagger Factory unless otherwise agreed upon.

7. Guarantee

For a period of 12 months, or 2.000 work hours (whichever comes first), from the date of delivery to customer, Wagger Attachments, at its option, will repair or replace for the original purchaser, free of charge, any part or parts of the attachment found, upon examination by Wagger Attachments, to be defective in material or workmanship, or both.

This warranty does not apply if such defect has been caused by alteration, improper use, failure to provide proper maintenance, or operation contrary to Wagger Attachment's installation and service instructions.



DATA SHEET

Technical Information

1. Attachment Capacity

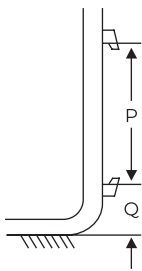
The rated capacity of each Wagger attachment is a structural rating only. The type of product to be handled as well as the operating conditions must be considered before the working capacity for each application can be properly determined; hard, slippery loads, for example, require more clamping force, using the same clamp, than soft compressible ones. Fast driving across uneven surfaces produces far higher dynamic loadings than traveling slowly over smooth warehouse floors. Certain lift truck specifications, such as lift height, also influence the residual capacity and must also be considered.

The attachment capacities shown are nominal and they apply only to the individual attachment and not to the capacity of lift truck. Attachment capacity, combined with truck rating, determines the net working capacity of the combination. This net attachment/truck capacity must be determined by the lift truck manufacturer. An approximate estimate of the net capacity is available by following the step-by-step calculation on page ...of this catalogue.

Attachment capacities are given at 500mm load centres unless otherwise stated. For load centres greater than 500mm a lower capacity applies. Consult the attachment specification sheets or contact Wagger for capacity derations.

2. Mounting Class

Mounting Class refers to the type of mounting hooks that are on the rear face of the attachment and are used to mount the attachment to the lift truck. Mounting Class 2 refers to Standard ISO Class 2 hooks, Mounting Class 3 to Standard ISO Class 3 hooks etc. These standard hooks are supplied with the attachment, but the lift truck requires standard ISO hook type carriage bars to utilize these standard hooks. The rear face of each attachment has been designed so that other types of mounting adptions can be used to mount on lift trucks that do not have ISO hook type carriage bars. For all mountings other than the standard ISO-2328 type, contact Wagger.



Mounting Class	Lift truck capacity at loadcentre kg/mm	P mm	Q mm
1A 1B	Up to 999 kg at 500 mm	331	76 114
2A 2B	1000-2500kg at 500 mm	407	76 152
3A 3B	2501-4999kg at 500 mm	508	76 203
4A 4B	5000-8000kg at 600 mm	635	127 254
5A 5B	8001-10999kg at 600 mm	728	127 257

Class A- Versions of these mountings are offered as standard.

Specifications for Wagger Attachments are based on 2A/3A/4A mounting. Specifications for 2B/3B/4B mountings may vary, please contact Wagger. Always specify the mounting you require. Note that for some clamps, especially those with extended opening ranges, the spacing of the mounting hooks may require a wider lift truck mast carriage.

DATA SHEET

Technical Information

3. Toe-in Açısı

The distance between the arms or forks (e.g. Bale Clamps, Brick Clamps, Fork Clamps) differs, measured on the tips of the arms compared to the rear side of the arms. This is referred to as clamp toe-in. The opening ranges given in our brochure are always measured at the rear of the arms. With an arm length of 1.000 mm the toe-in is approximately 30 mm (15 mm to each side). This is necessary to compensate the natural deflection of the clamping arms during transport. Without toe-in load should be clamped at the rear side but would fall through at the tips. For handling sensitive goods such as television sets. Appliance clamps and Carton Clamps with adjustable toe-in are available.

4. Installation

All hydraulic components required to mount the attachment on a lift truck and connect it to the truck's hydraulic circuit (auxiliary valve) are available from Wagger. Hydraulic Supply Group are listed in page ...of this catalogue.

4.1. Hydraulic Functions

A hydraulic operated lift truck attachment requires at least one hydraulic function from the lift truck hydraulic system. Fork positioners and clamps require normally two hydraulic functions. Special attachments, and attachment combinations, may require three, four, or even more hydraulic functions. See the product data tables for further information.

4.2. Hydraulic Connections

SAE	Metric Pipe O.D.	BSP Female 60° Cone
No. 6	10 mm	6 mm
No. 8	12 mm	9 mm
-	15 mm	12 mm

Wagger attachments can be supplied with various hydraulic connectors. The following connections are available. Please specify on ordering.

4.3. Operating Pressures

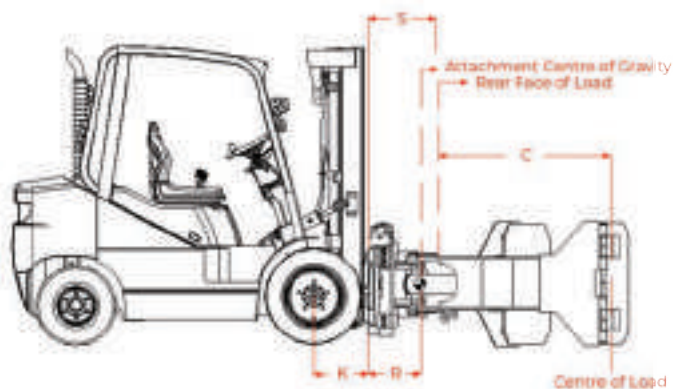
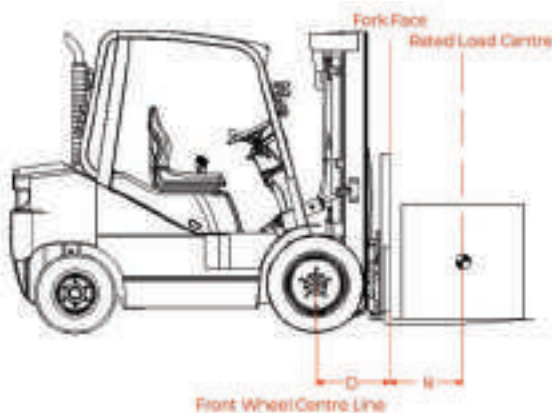
All standart attachments are suitable for lift truck operating pressures up to 160 bar, unless otherwise indicated. Sideshift Carriages are suitable up to 210 bar, Hose reels 210 bar, Thinline hose reels 240 bar, these pressures are however limited by the maximum hose pressures.

4.4. Hydraulic Flow Rate

The quantity of oil supplied to an attachment per minute is of great importance for its satisfactory operation. Normally, a lift truck can supply sufficient flow to operate an attachment. Should this not be the case, contact Wagger. If the flow is too great, the oil temperature can increase, effecting service life of hydraulic components. Installation of a hydraulic flow control valve in the supply circuit is then recommended.

DATA SHEET

Net Capacity



A : Truck's basic capacity

D : Distance from front wheel centre line to fork face

N : Distance from fork face to rated load centre

Z : Weight of attachment

K : Distance from front wheel centre line to carriage face

R : Distance from carriage face to attachment's centre of gravity (HCG)

S : Distance from carriage face to rear face of the load (ET)

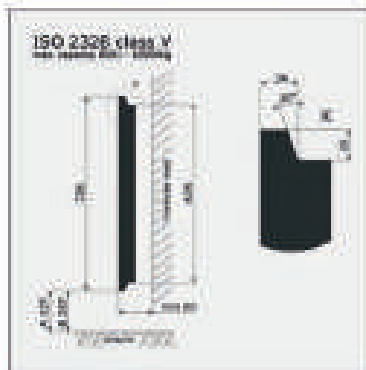
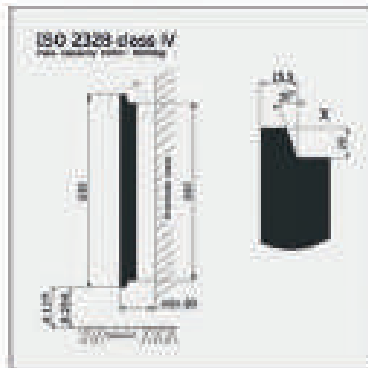
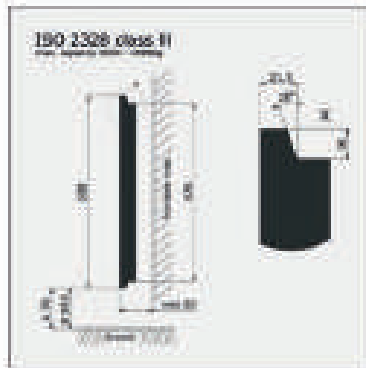
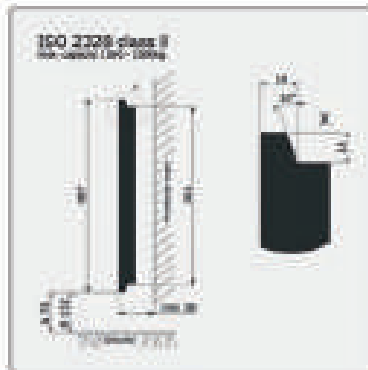
C : Distance from rear face of load to centre of load

$$\text{Net Capacity} = \frac{A (D+N) - Z (K+R)}{K + S + C}$$

Important remark : Formulas can give you a good estimate of how capacity will be affected. But in fact the residual capacity of the lift truck / attachment combination must be determined according to the instruction of the Lift Truck Manufacturer (EEC Directive 98 / 37)

DATA SHEET

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QC	Quick Coupler	15.14
BB	Big-Bag Attachment	15.15



Wagner[®]
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01

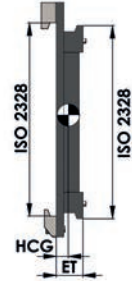
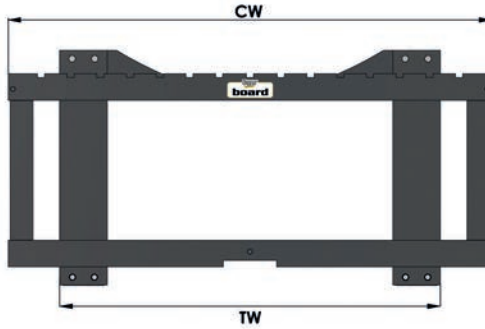
FB	Forklift Board	1.1
YKX	Sideshifters	1.2
YKZ	Heavy Duty Sideshifters	1.3
YKT	Integral Sideshifters	1.4



Wagner
attachments

BOARDS & SIDESHIFTERS

Wagner series



Catalog No	Capacity@Load Centre	Carriage Width	Front Mounting Class	Back Mounting Class	Effective Thickness (mm)	Horizontal Centre of Gravity (mm)	Weight
	kg@mm	CW	ISO 2328	ISO 2328	ET	HCG	kg
025FB-A1100	2500@500	1100	2A	2A	70	23	70
025FB-A1200	2500@500	1200	2A	2A	70	23	75
025FB-A1300	2500@500	1300	2A	2A	70	23	80
035FB-B1100	3500@500	1100	2A	2A	75	26	80
035FB-B1200	3500@500	1200	2A	2A	75	26	85
035FB-B1300	3500@500	1300	2A	2A	75	26	90
045FB-B1300	4500@500	1300	3A	3A	90	24	150
045FB-B1400	4500@500	1400	3A	3A	90	24	155
045FB-B1500	4500@500	1500	3A	3A	90	24	160
045FB-B1600	4500@500	1600	4A	4A	90	24	165



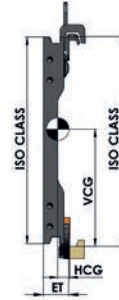
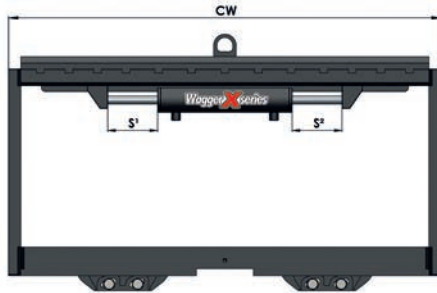
Technical Information

Provides more wide fork carriage according to your pallet dimensions

Attachment can be fitted with load backrest

Attachment supplied serially without forks. All forks in accordance with ISO 2330 can be used.

Available in combination with quick release bottom hooks for quick changing.

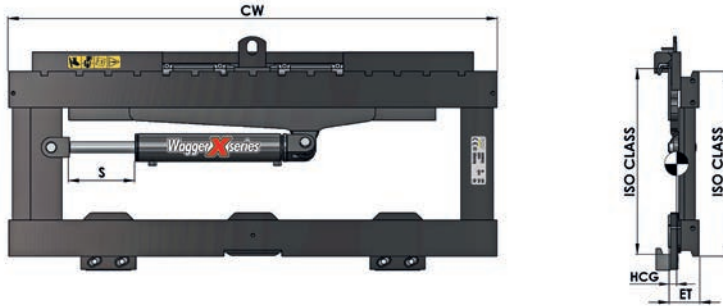


Catalog No	Capacity@Load Centre	Carriage Width	Mounting Class	Total Sideshift Stroke (mm)	Effective Thickness (mm)	Horizontal Centre of Gravity (mm)	Weight
	kg@mm	CW	ISO 2328	S¹+S²	ET	HCG	kg
020YKX-A0920	2000@500	920	2A	200	58	25	44
020YKX-A0970	2000@500	970	2A	200	58	25	47
025YKX-A1020	2500@500	1020	2A	200	58	25	51
025YKX-A1060	2500@500	1060	2A	200	58	25	54
025YKX-A1100	2500@500	1100	2A	200	58	25	57
035YKX-B1060	3500@500	1060	3A	200	64	27	75
035YKX-B1100	3500@500	1100	3A	200	64	27	78
035YKX-B1200	3500@500	1200	3A	200	64	27	82
035YKX-B1300	3500@500	1300	3A	200	64	27	85
045YKX-B1200	4500@500	1200	3A	200	64	32	128
045YKX-B1300	4500@500	1300	3A	200	64	32	133
045YKX-B1350	4500@500	1350	3A	200	64	32	135



Technical Information

Moving load to the left or right without moving the Forklift.
S beam profile was used in production
1 hydraulic function
Load backrest and forks are excluded.
100mm Sideshift stroke.



Catalog No	Capacity@Load Centre	Carriage Width	Mounting Class	Total Sideshift Stroke	Effective Thickness (mm)	Horizontal Centre of Gravity (mm)	Weight
	kg@mm	CW	ISO 2328	mm	ET	HCG	kg
050YKZ-C1200	5000@600	1200	4A	300	100	40	250
050YKZ-C1250	5000@600	1250	4A	300	100	40	255
050YKZ-C1270	5000@600	1270	4A	300	100	40	257
050YKZ-C1350	5000@600	1350	4A	300	100	40	265
050YKZ-C1450	5000@600	1400	4A	300	100	40	267
070YKZ-C1700	7000@600	1700	4A	300	84	44	324
070YKZ-C1800	7000@600	1800	4A	300	84	44	329
070YKZ-C2000	7000@600	2000	4A	300	84	44	335
070YKZ-C2200	7000@600	2200	4A	300	84	44	340
080YKZ-C1700	8000@600	1700	4A	300	94	50	430
080YKZ-C1800	8000@600	1800	4A	300	94	50	435
080YKZ-C2000	8000@600	2000	4A	300	94	50	440
080YKZ-C2200	8000@600	2200	4A	300	94	50	445



Technical Information

Moving load to the left or right without moving the Forklift.
For heavy duty.
1 hydraulic function
Load backrest and forks are excluded.
150mm Sideshift stroke.



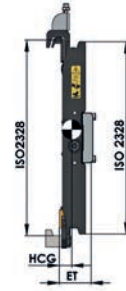
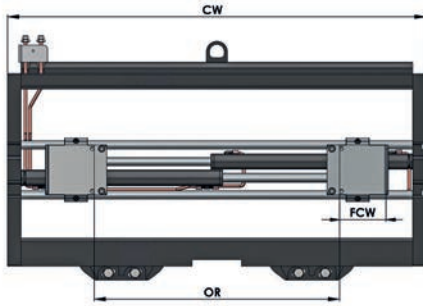
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FXF	Fork Positioner / Non-Sideshifting	2.1
FXFs	Fork Positioner / Separate Sideshifting	2.2
FRN	Fork Positioner / Separate Sideshifting	2.3
FPMi	Fork Positioner / Valve-Block Sideshifting	2.4
FPMs	Fork Positioner / Separate Sideshifting	2.5
FZNi	Fork Positioner / Valve-Block Sideshifting	2.6
FZNs	Fork Positioner / Separate Sideshifting	2.7
FPR	360° Rotating Fork Positioner / Non-Sideshifting	2.8

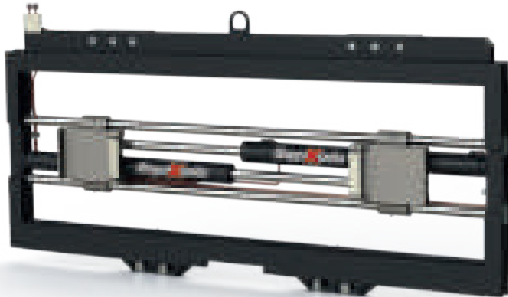


Wagger
attachments

FORK POSITIONERS

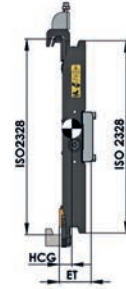
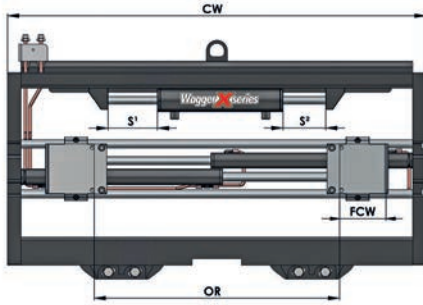


Catalog No	Capacity@ Load Centre	Carriage Width (mm)	Mounting Class	Opening Range (mm)	Fork Carrier Width (mm)	Effective Thickness (mm)	Horizontal Centre of Gravity (mm)	Weight
	kg@mm	CW	ISO 2328	OR(ITI)	FCW	ET	HCG	kg
020FXF-A1000	2000@500	1000	2A	60-780	102	57	52	62
025FXF-A1100	2500@500	1100	2A	60-880	102	57	52	72
035FXF-B1200	3500@500	1200	3A	70-895	122	68	58	103
035FXF-B1250	3500@500	1250	3A	70-945	122	68	58	107
035FXF-B1300	3500@500	1300	3A	70-995	122	68	58	112
045FXF-B1250	4500@500	1250	3A	60-978	150	75	62	143
045FXF-B1300	4500@500	1300	3A	60-1028	150	75	64	147
045FXF-B1350	4500@500	1350	3A	60-1078	150	75	66	152

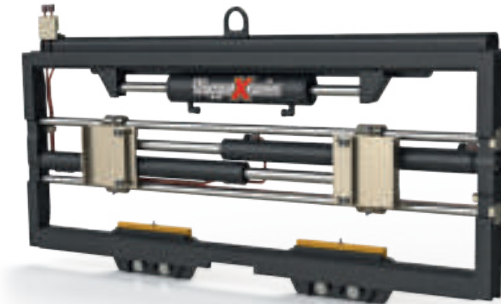


Technical Information

You may use it to position forks for a pallet dimension.
1 hydraulic functions
Non-Sideshifting
Load Backrest and forks are optional parts.

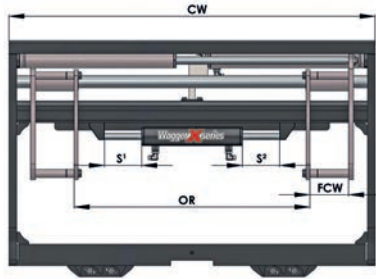


Catalog No	Capacity@ Load Centre	Carriage Width (mm)	Mounting Class	Opening Range (mm)	Fork Carrier Width (mm)	Effective Thickness (mm)	Horizontal Centre of Gravity (mm)	Weight
	kg@mm	CW	ISO 2328	OR(ITI)	FCW	ET	HCG	kg
020FXFs-A1000	2000@500	1000	2A	60-780	102	57	52	70
025FXFs-A1100	2500@500	1100	2A	60-880	102	57	52	75
035FXFs-B1200	3500@500	1200	3A	70-895	122	68	58	105
035FXFs-B1250	3500@500	1250	3A	70-945	122	68	58	110
035FXFs-B1300	3500@500	1300	3A	70-995	122	68	58	115
045FXFs-B1250	4500@500	1250	3A	60-978	150	75	62	145
045FXFs-B1300	4500@500	1300	3A	60-1028	150	75	64	150
045FXFs-B1350	4500@500	1350	3A	60-1078	150	75	66	155



Technical Information

You may use it to position forks for a pallet dimension.
2 hydraulic functions
With Separate Sideshift
Load Backrest and forks are optional parts.



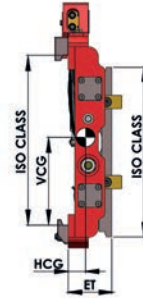
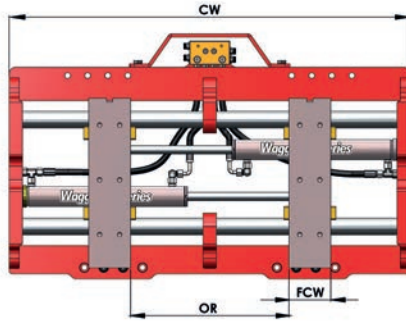
Catalog No	Capacity@ Load Centre	Carriage Width (mm)	Mounting Class	Opening Range (mm)	Fork Carrier Width (mm)	Effective Thickness (mm)	Horizontal Centre of Gravity (mm)	Weight
	kg@mm	CW	ISO 2328	OR(ITI)	FCW	ET	HCG	kg
020FRN-AI000	2000@500	1000	2A	50-700	120	58	94	120
025FRN-AI100	2500@500	1100	2A	50-800	120	58	95	125
035FRN-BI200	3500@500	1200	3A	56-852	130	65	111	152
035FRN-BI250	3500@500	1250	3A	56-902	130	65	113	162
035FRN-BI300	3500@500	1300	3A	56-952	130	65	115	172
045FRN-BI250	4500@500	1250	3A	65-1000	150	72	130	185
045FRN-BI300	4500@500	1300	3A	65-1050	150	72	130	190
045FRN-BI350	4500@500	1350	3A	65-1100	150	72	130	195



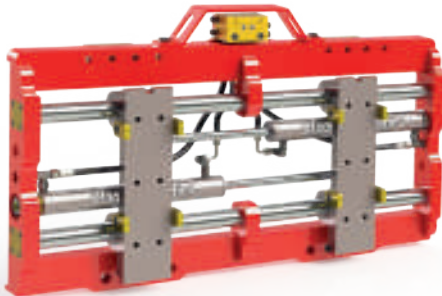
Technical Information

You may use it to position forks for a pallet dimension.
2 hydraulic functions
With separate Sideshifting
Load Backrest and forks are optional parts.



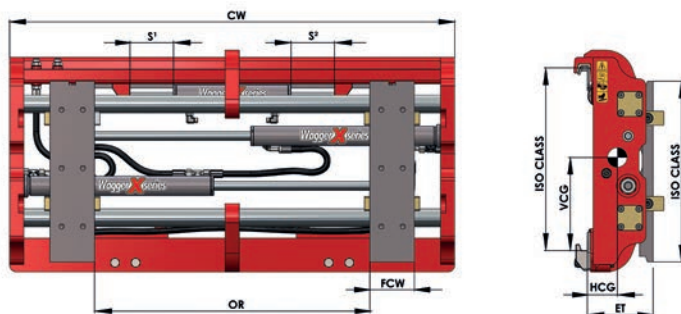


Catalog No	Capacity@ Load Centre	Carriage Width (mm)	Mounting Class	Opening Range (mm)	Fork Carrier Width (mm)	Effective Thickness (mm)	Horizontal Centre of Gravity (mm)	Weight
	kg@mm	CW	ISO 2328	OR(ITI)	FCW	ET	HCG	kg
020FPMi-A1000	2000@500	1000	2A	70-700	80/100	110	72	170
025FPMi-A1100	2500@500	1100	2A	70-800	80/100	110	73	180
035FPMi-B1200	3500@500	1200	3A	77-835	100/125	130	84	235
035FPMi-B1250	3500@500	1250	3A	77-885	100/125	130	84	240
035FPMi-B1300	3500@500	1300	3A	77-935	100/125	130	84	245
045FPMi-B1250	4500@500	1250	3A	86-814	130/150	145	93	340
045FPMi-B1300	4500@500	1300	3A	86-864	130/150	145	93	345
045FPMi-B1350	4500@500	1350	3A	86-914	130/150	145	93	350
050FPMi-C1350	5000@600	1350	4A	100-900	130/150	160	113	470
050FPMi-C1400	5000@600	1400	4A	100-950	130/150	160	113	480
050FPMi-C1450	5000@600	1450	4A	100-1000	130/150	160	113	490
070FPMi-C1700	7000@600	1700	4A	126-1230	130/150	170	153	680
070FPMi-C1800	7000@600	1800	4A	126-1330	130/150	170	153	685
070FPMi-C1900	7000@600	1900	4A	126-1430	130/150	170	153	490
080FPMi-E1800	8000@900	1800	4A	130-1260	130/150	165	116	950
080FPMi-E2200	8000@900	2200	4A	130-1660	130/150	165	116	980
080FPMi-E2400	8000@900	2400	4A	126-1860	130/150	165	116	1040

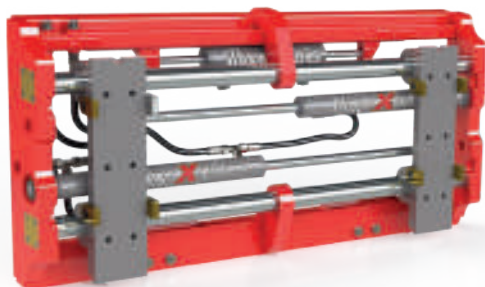


Technical Information

You may use it to position forks for a pallet dimension.
2 hydraulic functions
With Integral Sideshift
Load Backrest and forks are optional parts.



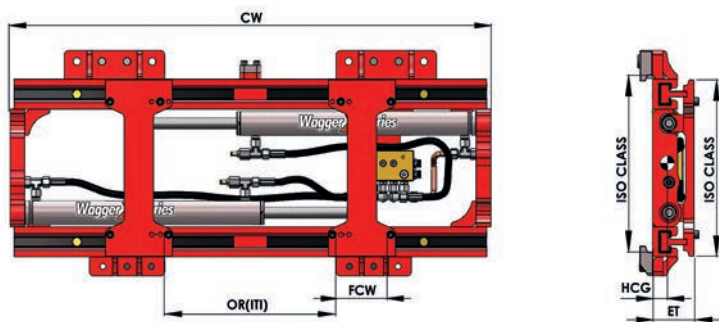
Catalog No	Capacity@ Load Centre	Carriage Width (mm)	Mounting Class	Opening Range (mm)	Fork Carrier Width (mm)	Sideshift Stroke (mm)	Effective Thickness (mm)	Horizontal Centre of Gravity (mm)	Weight
	kg@mm	CW	ISO 2328	OR(ITI)	FCW	S1+S2	ET	HCG	kg
020FPMs-A1150	2000@500	1100	2A	65-825	100	200	158	101	167
025FPMs-A1150	2500@500	1150	2A	65-875	100	200	158	101	170
035FPMs-B1200	3500@500	1200	3A	80-865	125	200	184	116	242
035FPMs-B1250	3500@500	1250	3A	80-915	125	200	184	116	246
035FPMs-B1300	3500@500	1300	3A	80-965	125	200	184	116	250
045FPMs-B1250	4500@500	1250	3A	95-865	125	200	205	124	336
045FPMs-B1300	4500@500	1300	3A	95-915	125	200	205	124	340
045FPMs-B1350	4500@500	1350	3A	95-965	125	200	205	124	345



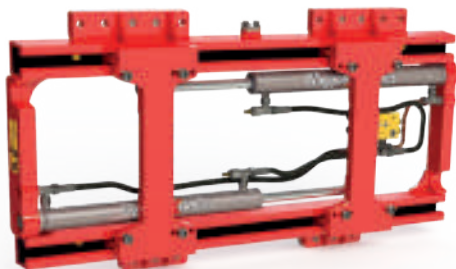
Technical Information

You may use it to position forks for a pallet dimension.
2 hydraulic functions
With separate Sideshift
Load Backrest and forks are optional parts.



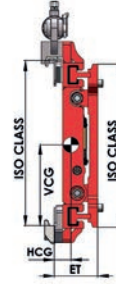
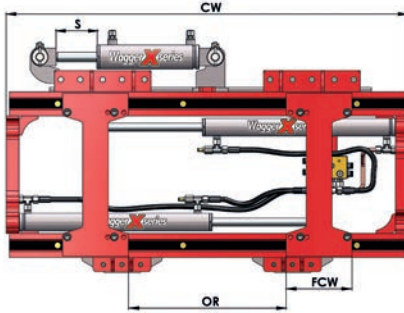


Catalog No	Capacity@ Load Centre	Carriage Width (mm)	Mounting Class	Opening Range (mm)	Fork Carrier Width (mm)	Effective Thickness (mm)	Horizontal Centre of Gravity (mm)	Weight
	kg@mm	CW	ISO 2328	OR	FCW	ET	HCG	kg
020FZNI-A1150	2000@500	1100	2A	80-945	160	99	64	102
025FZNI-A1150	2500@500	1150	2A	80-995	160	99	64	105
035FZNI-B1200	3500@500	1200	3A	115-1035	205	184	41	138
035FZNI-B1250	3500@500	1250	3A	115-1085	205	184	41	141
035FZNI-B1300	3500@500	1300	3A	115-1135	205	184	41	145
045FZNI-B1250	4500@500	1250	3A	115-1085	205	119	74	185
045FZNI-B1300	4500@500	1300	3A	115-1135	205	119	74	190
045FZNI-B1350	4500@500	1350	3A	115-1185	205	119	74	195

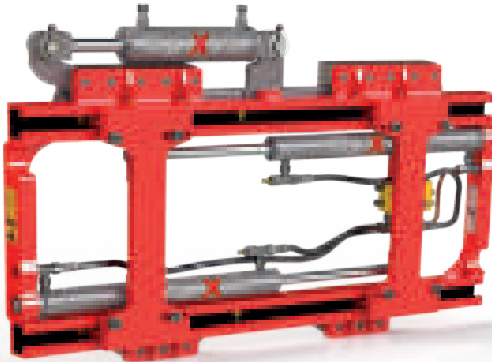


Technical Information

You may use it to position forks for a pallet dimension.
2 hydraulic functions
Valve Block Sideshifting
Load Backrest and forks are optional parts.

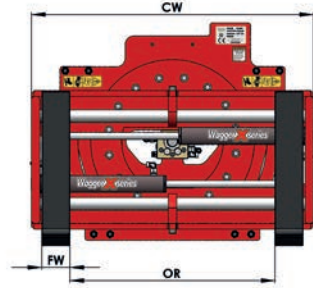
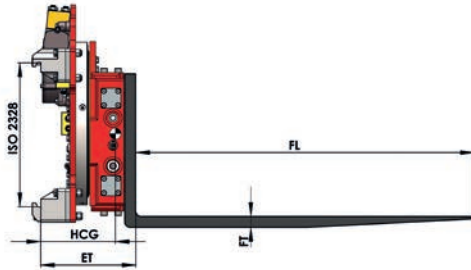


Catalog No	Capacity@ Load Centre	Carriage Width (mm)	Mounting Class	Opening Range (mm)	Fork Carrier Width (mm)	Sideshift Stroke (mm)	Effective Thickness (mm)	Horizontal Centre of Gravity (mm)	Weight
	kg@mm	CW	ISO 2328	OR	FCW	S	ET	HCG	kg
020FZNs-A1100	2000@500	1100	2A	80-945	160	100	124	76	135
025FZNs-A1150	2500@500	1150	2A	80-995	160	100	124	76	138
035FZNs-B1200	3500@500	1200	3A	115-1035	205	100	135	82	177
035FZNs-B1250	3500@500	1250	3A	115-1085	205	100	135	82	181
035FZNs-B1300	3500@500	1300	3A	115-1135	205	100	135	82	186
045FZNs-B1250	4500@500	1250	3A	115-1085	205	100	146	166	235
045FZNs-B1300	4500@500	1300	3A	115-1135	205	100	146	166	240
045FZNs-B1350	4500@500	1350	3A	115-1185	205	100	146	166	245

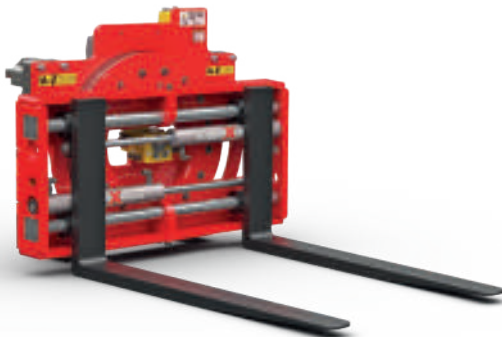


Technical Information

You may use it to position forks for a pallet dimension.
2 hydraulic functions
With separate Sideshift
Load Backrest and forks are optional parts.



Catalog No	Capacity@ Load Centre	Carriage Width (mm)	Mounting Class	Opening Range (mm)	Fork Dimensions (mm)	Effective Thickness (mm)	"Horizontal Centre of Gravity (mm)	Weight
	kg@mm	CW	ISO 2328	OR	FW/FT/FL	ET	HCG	kg
020FPR-A1000	2000@500	1000	2A	61-777	80/40/1100	338	294	467
020FPR-A1100	2000@500	1100	2A	61-827	80/40/1100	338	294	475
025FPR-A1150	2500@500	1150	2A	61-877	100/45/1200	338	294	485
035FPR-B1200	3500@500	1200	3A	71-927	120/50/1200	353	305	510
035FPR-B1250	3500@500	1250	3A	71-977	120/50/1200	353	305	520
035FPR-B1300	3500@500	1300	3A	71-1027	120/50/1200	353	305	530
045FPR-B1300	4500@500	1300	3A	81-1077	150/50/1200	372	300	560
045FPR-B1350	4500@500	1350	3A	81-1127	150/50/1200	372	300	575

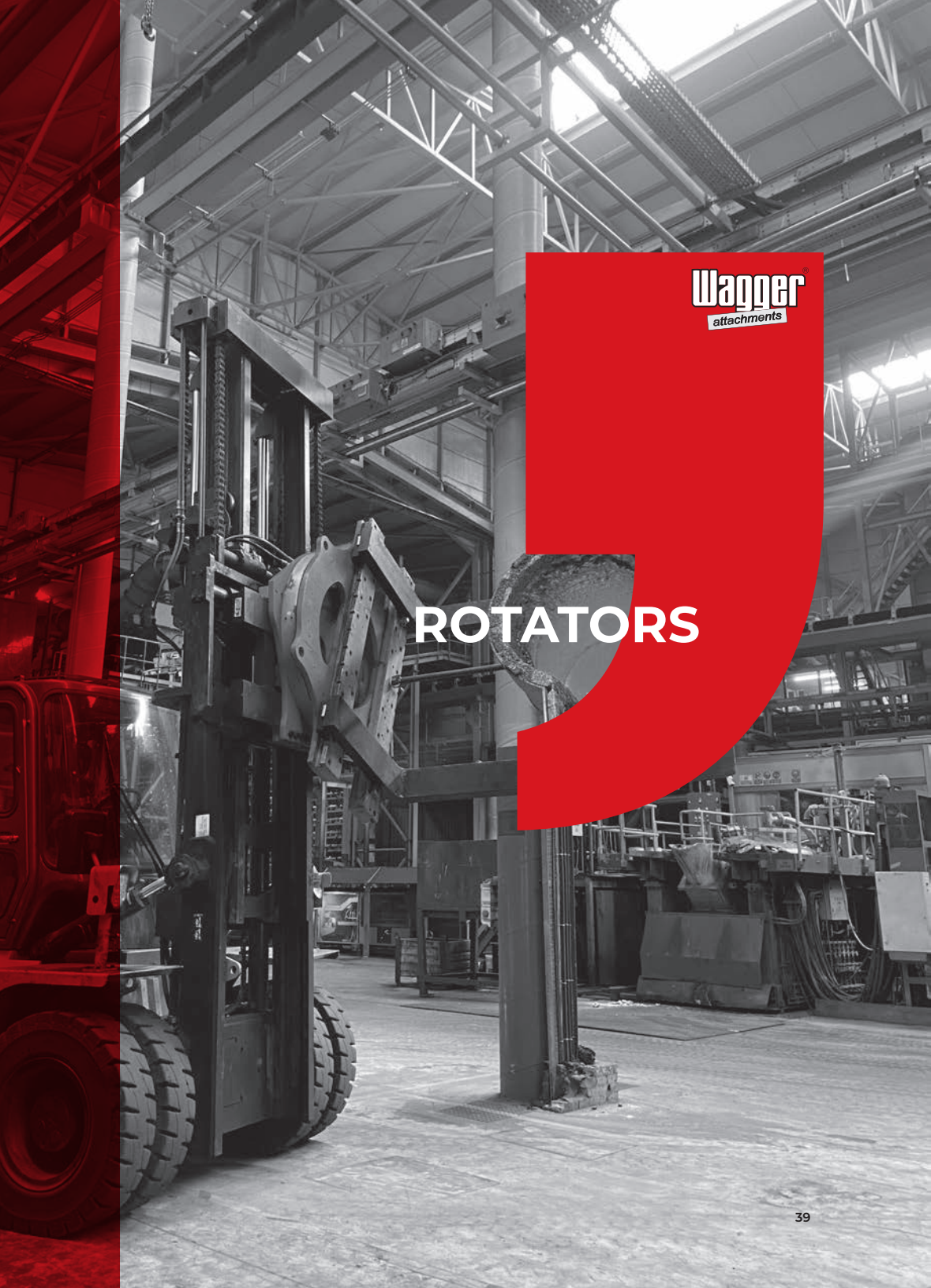


Technical Information

has continuous 360° rotation in both directions
 2 hydraulic functions
 Non-Sideshifting
 Load Backrest and forks are optional parts.

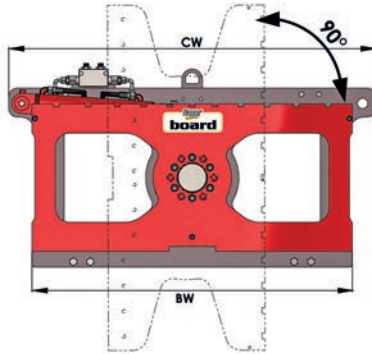
03

RBU	90° Rotators	3.1
RBH	120° Rotators	3.2
RBC	180° Rotators	3.3
RBG	360° Rotators	3.4

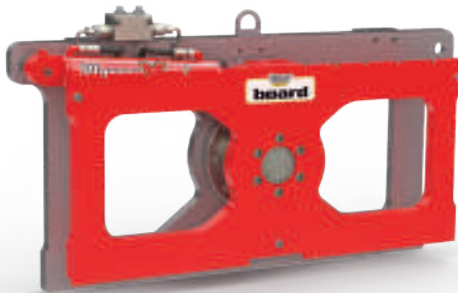


Wagner
attachments

ROTATORS



Catalog No	Capacity@ Load Centre	Carriage Width (mm)	Carriage Width (mm)	Mounting Class	Mounting Class	Effective Thickness (mm)	Horizontal Centre of Gravity (mm)	Weight
	kg@mm	CW	BW	ISO 2328	ISO 2328	ET	HCG	kg
020RBU-A1000	2000@500	1100	1000	2A	2A	199	85	220
025RBU-A1100	2500@500	1200	1100	2A	2A	199	85	225
030RBC-B1100	3000@500	1200	1100	3A	3A	190	85	235
035RBC-B1200	3500@500	1300	1200	3A	3A	190	85	240

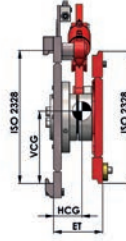
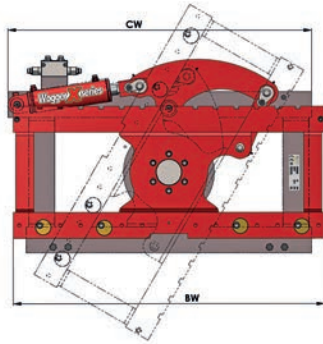


Technical Information

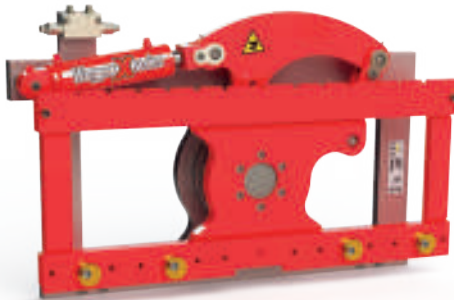
90° rotation to the right or left side (depends on request)

1 hydraulic functions

You may use forklift's own forks

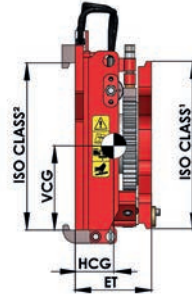
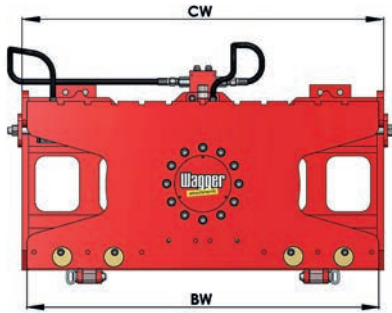


Catalog No	Capacity@ Load Centre	Carriage Width (mm)	Carriage Width (mm)	Mounting Class	Mounting Class	Effective Thickness (mm)	Horizontal Centre of Gravity (mm)	Weight
	kg@mm	BW	CW	ISO 2328	ISO 2328	ET	HCG	kg
020RBH-A1000	2000@500	1000	1000	2A	2A	199	102	310
025RBH-A1100	2500@500	1100	1100	2A	2A	199	102	315
030RBH-B1100	3000@500	1100	1100	3A	3A	190	104	345
035RBH-B1200	3500@500	1200	1200	3A	3A	190	104	350

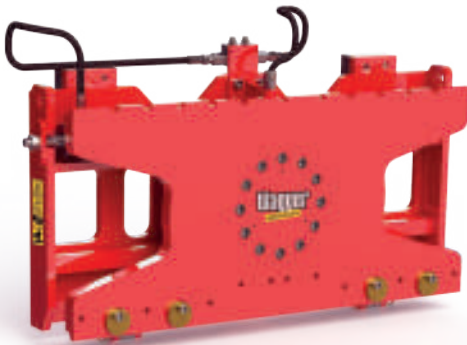


Technical Information

120° rotation to the right or left side (depends on request)
1 hydraulic functions
You may use forklift's own forks



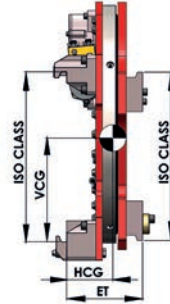
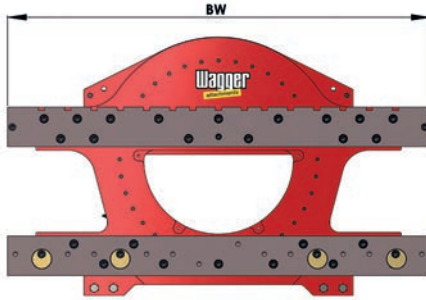
Catalog No	Capacity	Carriage Width (mm)	Carriage Width (mm)	Mounting Class	Mounting Class	Opening Range (mm)	Effective Thickness (mm)	Horizontal Centre of Gravity (mm)	Weight
	kg@mm	BW	CW	ISO 2328¹	ISO 2328²	OR	ET	HCG	kg
020RBC-A1050	2000@500	1050	1050	2A	2A	300-800mm	232	105	256
025RBC-A1100	2500@500	1100	1100	2A	2A	300-800mm	232	105	281
030RBC-B1100	2500@500	1100	1100	3A	3A	160-910	232	112	295
035RBC-B1200	2500@500	1200	1200	3A	3A	160-1010	232	112	320



Technical Information

180° rotation to the right or left side (depends on request)
1 hydraulic functions
You may use forklift's own forks





Catalog No	Capacity@Load Centre	Carriage Width (mm)	Mounting Class	Opening Range (mm)	Effective Thickness (mm)	Horizontal Centre of Gravity (mm)	Weight
	kg@mm	BW	ISO 2328	OR	ET	HCG	kg
020RBG-AI000	2000@500	1000	2A	80-820	215	157	285
025RBG-AI150	2500@500	1150	2A	80-870	215	157	296
030RBG-BI270	3000@500	1270	3A	95-875	228	164	370
035RBG-BI270	3500@500	1270	3A	95-945	228	171	407
045RBG-BI300	4500@500	1300	3A	84-950	210	145	620
045RBG-BI350	4500@500	1350	3A	84-1000	210	145	624
050RBG-CI400	5000@600	1400	4A	84-900	285	199	690
050RBG-CI450	5000@600	1450	4A	84-950	258	199	692
060RBG-CI500	6000@600	1500	4A	84-1000	258	199	698
060RBG-CI600	6000@600	1600	4A	84-1100	258	199	705
080RBG-CI800	8000@600	1800	4A	95-1300	236	112	1385
080RBG-C2000	8000@600	2000	4A	95-1450	236	110	1400
080RBG-DI800	8000@600	1800	5A	115-1390	286	125	2250
080RBG-D2000	8000@600	2000	5A	115-1390	286	128	2288



Technical Information

Has continuous 360° rotation in both directions
 1 hydraulic functions
 Sells without Forks. You may use forklift's own forks
 Forks are manually adjustable and can be locked in position.



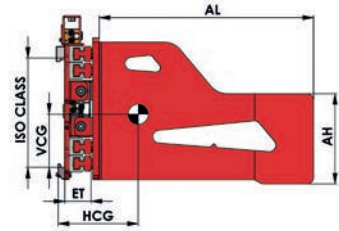
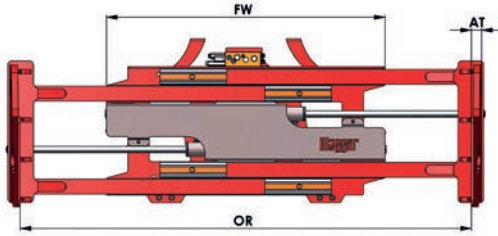
04

CAP	Cotton Bale Clamp	4.1
CBA	Recycling Bale Clamp	4.2
CAN	Fork Clamp	4.3
CFP	Turnable Fork Clamp	4.4
CFB	Foam Rubber Clamp	4.5
CSA	Cellulose Bale Clamp	4.6
CTC	Pole Tine Clamp	4.7



Wagner
attachments

CLAMPS

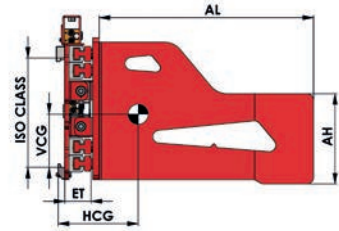
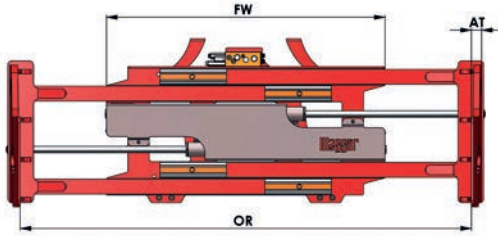


Catalog No	Capacity@ Load Centre	Mounting Class	Carriage Width (mm)	Opening Range (mm)	Arm Dimensions (mm)	Effective Thickness (mm)	Horizontal Centre of Gravity (mm)	Weight
	kg/mm	ISO 2328	FW	OR	AL / AH / L / AT	ET	HCG	kg
010CAP-A01GI	1000/500	2A	950	400-1350	1000/350/530/30	97	263	410
010CAP-A02GI	1000/500	2A	1100	450-1550	1000/350/530/30	97	261	420
010CAP-A03GI	1000/500	2A	1200	500-1700	1000/350/530/30	97	260	430
014CAP-A04GI	1400/500	2A	1000	400-1600	1000/350/530/30	111	254	447
014CAP-A05GI	1400/500	2A	1100	450-1650	1000/350/530/30	111	254	453
014CAP-A07GI	1400/500	2A	1200	500-1800	1000/350/530/30	111	249	474
014CAP-A09GI	1400/500	2A	1300	550-2100	1000/350/530/30	111	243	481
020CAP-A05GI	2000/500	2A	1200	450-1850	1000/350/530/30	123	225	512
020CAP-A06GI	2000/500	2A	1200	500-1900	1000/350/530/30	123	225	513
020CAP-A09GI	2000/500	2A	1300	550-2100	1000/350/530/30	123	223	521
023CAP-B04GI	2300/500	2A/3A	1200	450-1850	1000/450/530/30	123	250	550
023CAP-B05GI	2300/500	2A/3A	1300	500-2000	1000/450/530/30	123	253	565
023CAP-B09GI	2300/500	2A/3A	1300	550-2100	1000/450/530/30	123	253	565
023CAP-B19GI	2300/500	2A/3A	1300	600-2200	1000/450/530/30	123	253	565
023CAP-B17GI	2300/500	2A/3A	1300	800-2450	1000/450/530/30	123	553	570
023CAP-B07GI	2300/500	2A/3A	1550	500-2250	1000/450/530/30	123	227	610
023CAP-B07GI	2300/500	2A/3A	1630	500-2350	1000/450/530/30	123	230	650
026CAP-B05GI	2600/500	3A	1300	500-2000	1000/450/530/30	131	250	575



Technical Information

It is used for loading, unloading or stacking cotton and wool bales.
 2 hydraulic functions
 Valve Block sideshifting.
 Optional Parts:
 Quick Release Hooks
 Load Backrest (300mm)
 Pressure Gauge
 Per 100mm Arm extension
 Hoses & Jack Set

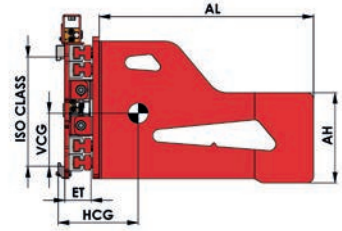
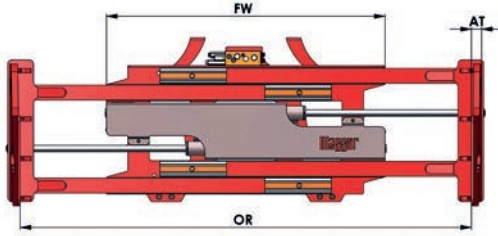


Catalog No	Capacity@ Load Centre	Mounting Class	Carriage Width (mm)	Opening Range (mm)	Arm Dimensions (mm)	Effective Thickness (mm)	Horizontal Centre of Gravity (mm)	Weight
	kg/mm	ISO 2328	FW	OR	AL / AH / L / AT	ET	HCG	kg
026CAP-B09GI	2600/500	3A	1300	550-2100	1000/450/530/30	131	250	578
026CAP-B19GI	2600/500	3A	1300	600-2200	1000/450/530/30	131	250	580
026CAP-B17GI	2600/500	3A	1300	750-2450	1000/450/530/30	131	250	585
026CAP-B07GI	2600/500	3A	1550	500-2250	1000/450/530/30	131	263	650
026CAP-B07GI	2600/500	3A	1630	550-2350	1000/450/530/30	131	265	670
030CAP-B09GJ	3000/600	3A	1300	550-2100	1200/400/695/30	134	250	625
030CAP-B19GJ	3000/600	3A	1300	600-2200	1200/400/695/30	134	250	628
030CAP-B07GJ	3000/600	3A	1550	500-2250	1200/400/695/30	134	250	700
030CAP-B08GJ	3000/600	3A	1550	580-2400	1200/400/695/30	134	281	702
030CAP-B14GJ	3000/600	3A	1550	640-2500	1200/400/695/30	134	279	713
030CAP-B14GJ	3000/600	3A	1630	550-2400	1200/400/695/30	134	279	750
040CAP-C07GJ	4000/600	3A/4A	1550	500-2250	1200/500/800/45	151	345	1070
040CAP-C08GJ	4000/600	3A/4A	1550	580-2400	1200/500/800/45	151	345	1072
040CAP-C14GJ	4000/600	3A/4A	1550	670-2500	1200/500/800/45	151	345	1075
050CAP-C07GH	5000/600	3A/4A	1550	500-2250	1300/500/800/50	151	348	1070
050CAP-C08GH	5000/600	3A/4A	1550	580-2400	1300/500/800/50	151	348	1100
050CAP-C14GH	5000/600	3A/4A	1550	670-2500	1300/500/800/50	151	348	1150



Technical Information

It is used for loading, unloading or stacking cotton and wool bales
 2 hydraulic functions
 Valve Block sideshifting.
 Optional Parts:
 Quick Release Hooks
 Load Backrest (300mm)
 Pressure Gauge
 Per 100mm Arm extension
 Hoses & Jack Set

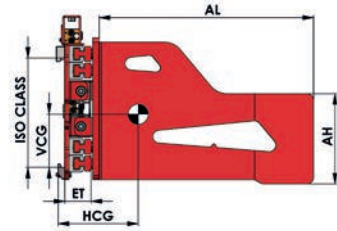
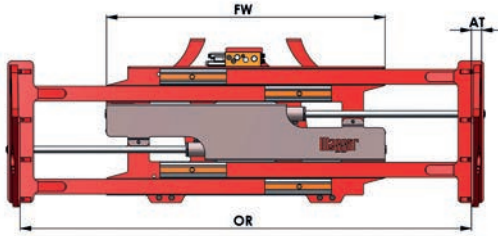


Catalog No	Capacity@ Load Centre	Mounting Class	Carriage Width (mm)	Opening Range (mm)	Arm Dimensions (mm)	Effective Thickness (mm)	Horizontal Centre of Gravity (mm)	Weight
	kg/mm	ISO 2328	FW	OR	AL / L / AT	ET	HCG	kg
010CBA-A01GI	1000/500	2A	950	400-1350	1000/350/530/30	97	263	410
010CBA-A02GI	1000/500	2A	1100	450-1550	1000/350/530/30	97	261	420
010CBA-A03GI	1000/500	2A	1200	500-1700	1000/350/530/30	97	260	430
014CBA-A04GI	1400/500	2A	1000	400-1600	1000/350/530/30	111	254	447
014CBA-A05GI	1400/500	2A	1100	450-1650	1000/350/530/30	111	254	453
014CBA-A07GI	1400/500	2A	1200	500-1800	1000/350/530/30	111	249	474
014CBA-A09GI	1400/500	2A	1300	550-2100	1000/350/530/30	111	243	481
020CBA-A05GI	2000/500	2A	1200	450-1850	1000/350/530/30	123	225	512
020CBA-A06GI	2000/500	2A	1200	500-1900	1000/350/530/30	123	225	513
020CBA-A09GI	2000/500	2A	1300	550-2100	1000/350/530/30	123	223	521
023CBA-B04GI	2300/500	2A/3A	1200	450-1850	1000/450/530/30	123	250	550
023CBA-B05GI	2300/500	2A/3A	1300	500-2000	1000/450/530/30	123	253	565
023CBA-B09GI	2300/500	2A/3A	1300	550-2100	1000/450/530/30	123	253	565
023CBA-B19GI	2300/500	2A/3A	1300	600-2200	1000/450/530/30	123	253	565
023CBA-B17GI	2300/500	2A/3A	1300	800-2450	1000/450/530/30	123	553	570
023CBA-B07GI	2300/500	2A/3A	1550	500-2250	1000/450/530/30	123	227	610
023CBA-B07GI	2300/500	2A/3A	1630	500-2350	1000/450/530/30	123	230	650
026CBA-B05GI	2600/500	3A	1300	500-2000	1000/450/530/30	131	250	575



Technical Information

It is used for loading, unloading or stacking recycling bales
 2 hydraulic functions
 Valve Block sideshifting is available.
 Optional Parts:
 Quick Release Hooks
 Load Backrest (300mm)
 Pressure Gauge
 Per 100mm Arm extension
 Hoses & Jack Set

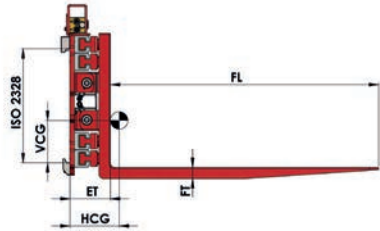
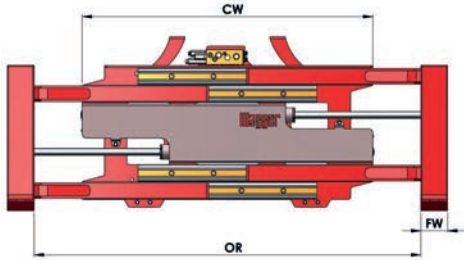


Catalog No	Capacity@ Load Centre	Mounting Class	Carriage Width (mm)	Opening Range (mm)	Arm Dimensions (mm)	Effective Thickness (mm)	Horizontal Centre of Gravity (mm)	Weight
	kg/mm	ISO 2328	FW	OR	AL / AH / L / AT	ET	HCG	kg
026CBA-B09GI	2600/500	3A	1300	550-2100	1000/450/530/30	131	250	578
026CBA-B19GI	2600/500	3A	1300	600-2200	1000/450/530/30	131	250	580
026CBA-B17GI	2600/500	3A	1300	750-2450	1000/450/530/30	131	250	585
026CBA-B07GI	2600/500	3A	1550	500-2250	1000/450/530/30	131	263	650
026CBA-B07GI	2600/500	3A	1630	550-2350	1000/450/530/30	131	265	670
030CBA-B09GJ	3000/600	3A	1300	550-2100	1200/400/695/30	134	250	625
030CBA-B19GJ	3000/600	3A	1300	600-2200	1200/400/695/30	134	250	628
030CBA-B07GJ	3000/600	3A	1550	500-2250	1200/400/695/30	134	250	700
030CBA-B08GJ	3000/600	3A	1550	580-2400	1200/400/695/30	134	281	702
030CBA-B14GJ	3000/600	3A	1550	640-2500	1200/400/695/30	134	279	713
030CBA-B14GJ	3000/600	3A	1630	550-2400	1200/400/695/30	134	279	750
040CBA-C07GJ	4000/600	3A/4A	1550	500-2250	1200/500/800/45	151	345	1070
040CBA-C08GJ	4000/600	3A/4A	1550	580-2400	1200/500/800/45	151	345	1072
040CBA-C14GJ	4000/600	3A/4A	1550	670-2500	1200/500/800/45	151	345	1075
050CBA-C07GH	5000/600	3A/4A	1550	500-2250	1300/500/800/50	151	348	1070
050CBA-C08GH	5000/600	3A/4A	1550	580-2400	1300/500/800/50	151	348	1100
050CBA-C14GH	5000/600	3A/4A	1550	670-2500	1300/500/800/50	151	348	1150

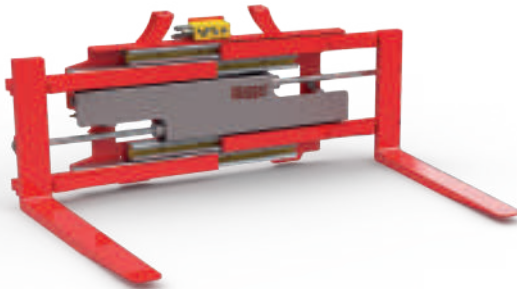


Technical Information

It is used for loading, unloading or stacking recycling bales
 2 hydraulic functions
 Valve Block sideshifting is available.
 Optional Parts:
 Quick Release Hooks
 Load Backrest (300mm)
 Pressure Gauge
 Per 100mm Arm extension
 Hoses & Jack Set



Catalog No	Capacity@ Load Centre	Mounting Class	Carriage Width (mm)	Opening Range (mm)	Fork Dimensions (mm)	Effective Thickness (mm)	Horizontal Centre of Gravity (mm)	Weight
	kg/mm	ISO 2328	CW	OR	FW / FT / FL	ET	HCG	kg
014CAN-A177GJ	1400/500	2A	1100	300-1700	100 / 40 / 1200	120	181	425
014CAN-A187GJ	1400/500	2A	1200	300-1800	100 / 40 / 1200	120	181	430
014CAN-A187GJ	1400/500	2A	1300	300-1900	100 / 40 / 1200	120	181	435
023CAN-A177GJ	2300/500	2A/3A	1100	485-1800	120 / 50 / 1200	122	189	440
023CAN-A187GJ	2300/500	2A/3A	1200	485-1900	120 / 50 / 1200	122	189	445
023CAN-A187GJ	2300/500	2A/3A	1300	485-2000	120 / 50 / 1200	122	189	450
028CAN-B177GJ	3000/600	3A	1200	520-1970	120 / 50 / 1200	126	193	450
028CAN-B187GJ	3000/600	3A	1300	520-2070	120 / 50 / 1200	126	193	455
028CAN-B187GJ	3000/600	3A	1500	520-2270	130 / 60 / 1600	126	196	475



Technical Information

It is used for adjusting forks expanding or closing according to different pallet sizes.

2 hydraulic functions

Valve Block sideshifting is available.

Optional Parts;

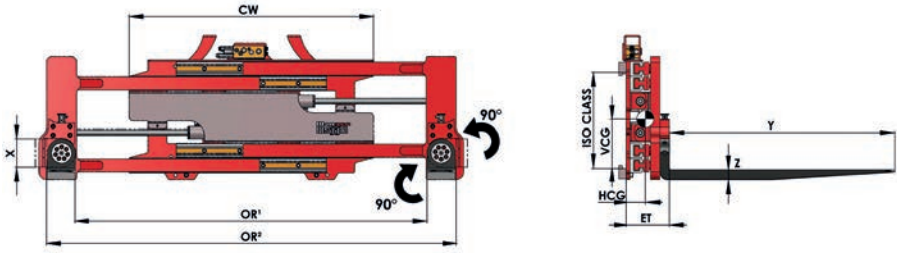
Quick Release Hooks

Load Backrest (300mm)

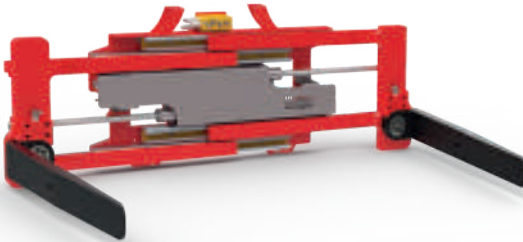
Pressure Gauge

Per 100mm Arm extension

Hoses & Jack Set



Catalog No	Capacity@ Load Centre	Mounting Class	Carriage Width (mm)	Opening Range (mm)	Opening Range 90° (mm)	Fork Dimensions (mm)	Effective Thickness (mm)	Horizontal Centre of Gravity (mm)	Weight
	kg/mm	ISO 2328	CW	OR 1	OR 2	AL / AH / L / AT	ET	HCG	kg
020CFP-B30GJ	2000/500	2A/3A	1200	270-1650	600-1980	120 / 50 / 1200	121	228	520
020CFP-B32GJ	2000/500	2A/3A	1300	270-1750	600-2080	120 / 50 / 1200	121	228	525
026CFP-B34GJ	2600/500	2A/3A	1200	270-1650	600-1980	120 / 50 / 1200	125	230	535
026CFP-B36GJ	2600/500	2A/3A	1300	270-1750	600-1980	120 / 50 / 1200	125	230	540



Technical Information

It is used for loading, unloading, and stacking cotton and wool bales. Also you can use it as a fork clamp.

2 hydraulic functions

Valve Block sideshifting is available.

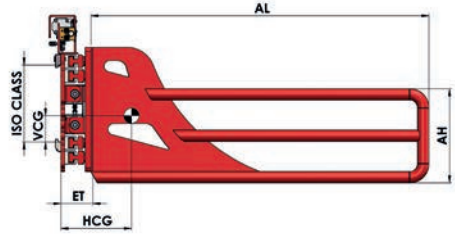
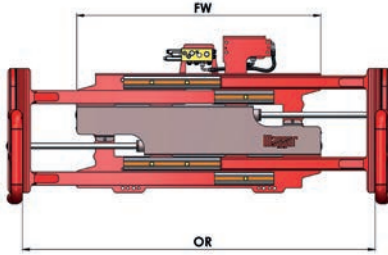
Optional Parts;

Quick Release Hooks

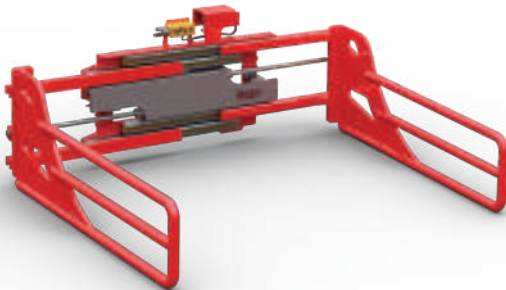
Load Backrest (300mm)

Pressure Gauge

Hoses & Jack Set

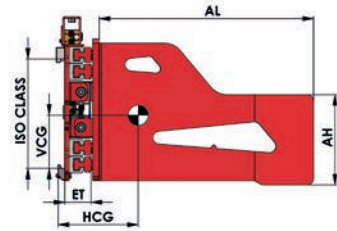
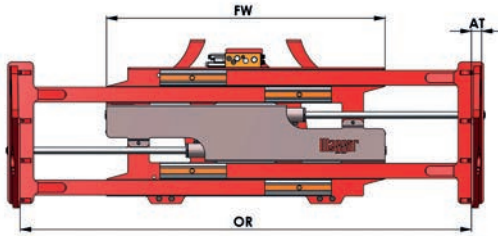


Catalog No	Capacity@ Load Centre	Mounting Class	Carriage Width (mm)	Opening Range (mm)	Arm Dimensions (mm)	Effective Thickness (mm)	Horizontal Centre of Gravity (mm)	Weight
	kg/mm	ISO 2328	FW	OR	AL / AH / L / AT	ET	HCG	kg
010CFB-A20GZ	1000/500	2A/3A	1300	750-2500	1600/350/530/50	122	372	585
010CFB-B20GY	1000/500	2A/3A	1300	750-2500	1800/350/530/50	122	376	600



Technical Information

It is used for loading, unloading or stacking foam rubber bales
 2 hydraulic functions
 Valve Block sideshifting is available.
 Optional Parts;
 Quick Release Hooks
 Load Backrest (300mm)
 Pressure Gauge
 Hoses & Jack Set

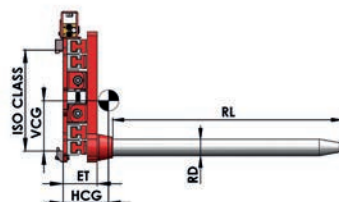
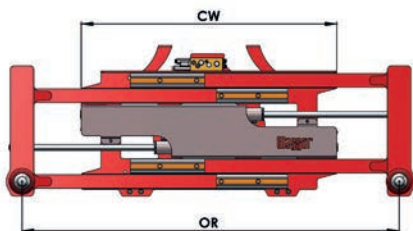


Catalog No	Capacity@ Load Centre	Mounting Class	Carriage Width (mm)	Opening Range (mm)	Arm Dimensions (mm)	Effective Thickness (mm)	Horizontal Centre of Gravity (mm)	Weight
	kg/mm	ISO 2328	FW	OR	AL / AH / L / AT	ET	HCG	kg
014CSA-A04GI	1400/500	2A	1000	400-1600	1000/350/530/30	111	254	447
014CSA-A05GI	1400/500	2A	1100	450-1650	1000/350/530/30	111	254	453
014CSA-A07GI	1400/500	2A	1200	500-1800	1000/350/530/30	111	249	474
014CSA-A09GI	1400/500	2A	1300	550-2100	1000/350/530/30	111	243	481
020CSA-A05GI	2000/500	2A	1200	450-1850	1000/350/530/30	123	225	512
020CSA-A06GI	2000/500	2A	1200	500-1900	1000/350/530/30	123	225	513
020CSA-A09GI	2000/500	2A	1300	550-2100	1000/350/530/30	123	223	521
023CSA-B04GI	2300/500	2A/3A	1200	450-1850	1000/450/530/30	123	250	550
023CSA-B05GI	2300/500	2A/3A	1300	500-2000	1000/450/530/30	123	253	565
023CSA-B09GI	2300/500	2A/3A	1300	550-2100	1000/450/530/30	123	253	565
023CSA-B19GI	2300/500	2A/3A	1300	600-2200	1000/450/530/30	123	253	565
023CSA-B17GI	2300/500	2A/3A	1300	800-2450	1000/450/530/30	123	553	570
023CSA-B07GI	2300/500	2A/3A	1550	500-2250	1000/450/530/30	123	227	610
023CSA-B07GI	2300/500	2A/3A	1630	500-2350	1000/450/530/30	123	230	650
026CSA-B05GI	2600/500	3A	1300	500-2000	1000/450/530/30	131	250	575
026CSA-B09GI	2600/500	3A	1300	550-2100	1000/450/530/30	131	250	578
026CSA-B19GI	2600/500	3A	1300	600-2200	1000/450/530/30	131	250	580
026CSA-B17GI	2600/500	3A	1300	750-2450	1000/450/530/30	131	250	585
026CSA-B07GI	2600/500	3A	1550	500-2250	1000/450/530/30	131	263	650
026CSA-B07GI	2600/500	3A	1630	550-2350	1000/450/530/30	131	265	670

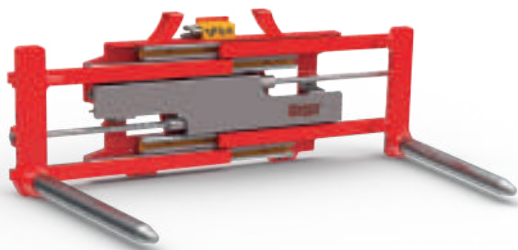


Technical Information

It is used for loading, unloading or stacking cellulose bales
 2 hydraulic functions
 Sideshift function is available.
 Optional Parts:
 Quick Release Hooks
 Load Backrest (300mm)
 Pressure Gauge
 Per 100mm Arm extension
 Hoses & Jack Set



Catalog No	Capacity@ Load Centre	Mounting Class	Carriage Width (mm)	Opening Range (mm)	Arm Dimensions (mm)	Effective Thickness (mm)	Horizontal Centre of Gravity (mm)	Weight
	kg/mm	ISO 2328	CW	OR	AL / AH / L / AT	ET	HCG	kg
014CTC-A04GI	1400/500	2A	1000	400-1600	1000/350/530/30	111	254	400
014CTC-A05GI	1400/500	2A	1100	450-1650	1000/350/530/30	111	254	410
023CTC-B04GI	2300/500	2A/3A	1200	450-1850	1000/450/530/30	123	250	510
023CTC-B05GI	2300/500	2A/3A	1300	500-2000	1000/450/530/30	123	253	520
023CTC-B09GI	2300/500	2A/3A	1300	550-2100	1000/450/530/30	123	253	525
026CTC-B05GI	2600/500	3A	1300	500-2000	1000/450/530/30	131	250	535
026CTC-B09GI	2600/500	3A	1300	550-2100	1000/450/530/30	131	250	538
026CTC-B19GI	2600/500	3A	1300	600-2200	1000/450/530/30	131	250	550



Technical Information

It is used for loading, unloading or stacking Roll-type loads
 2 hydraulic functions
 Valve Block sideshifting is available.
 Optional Parts:
 Quick Release Hooks
 Load Backrest (300mm)
 Pressure Gauge
 Hoses & Jack Set



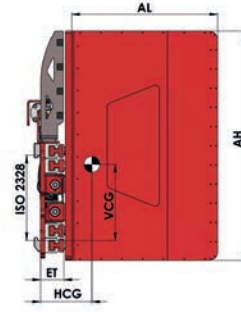
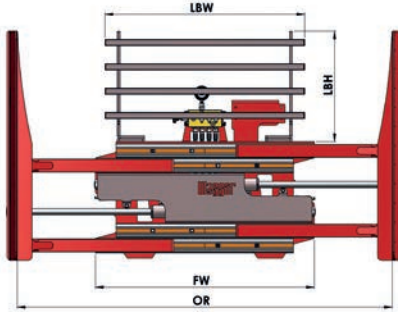
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CSR	Carton Clamp	5.1
CSL	Carton Clamp	5.2
WGA	Home Appliance & Whitegoods Clamp	5.3
WGC	Home Appliance & Whitegoods Clamp	5.4

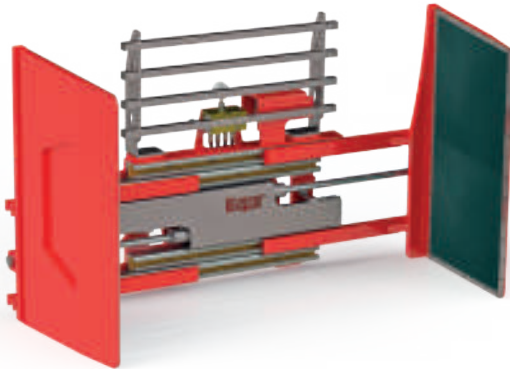


Wagger
attachments

CARTON & WHITEGOODS CLAMPS



Catalog No	Capacity@ Load Centre	Mounting Class	Carriage Width	Opening Range (mm)	Arm Dimensions (mm)	Effective Thickness (mm)	Horizontal Centre of Gravity (mm)	Weight
	kg/mm	ISO 2328	FW	OR	AL / AH / L / AT	ET	HCG	kg
010CSR-A02GR	1000/500	2A	900	480-1400	700/1000/30	96	433	700
010CSR-A03GR	1000/500	2A	1100	480-1600	700/1100/30	96	433	710
010CSR-A06GR	1000/500	2A	1200	480-1740	700/1100/30	111	447	720
014CSR-A11GR	1400/500	2A	1100	500-1900	700/1100/30	111	447	730
014CSR-A13GR	1400/500	2A	1200	600-2100	800/1200/30	111	447	740
014CSR-A11GR	1400/500	3A	1300	750-2500	800/1200/30	111	447	750



Technical Information

It is used for loading, unloading or stacking carton boxes
 Load Backrest is standard
 1 hydraulic function
 Flow Divider
 Optional;
 Quick Release Hooks
 Pressure Gauge
 Hoses & Jack Set

SAMSUNG

REFRIGERATOR

ХОЛДЖИМ	ТХАБТ	ХУТ
REFRIGERATEUR	REFRIGERATOR	REFRIGERATOR
ХОЛДЖИМ	REFRIGERATOR	REFRIGERATOR



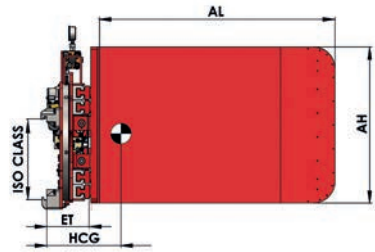
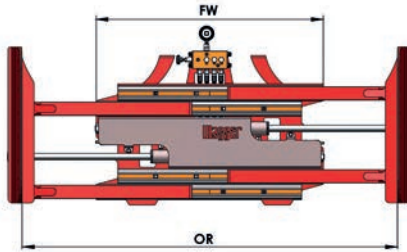
DELIVERY CAUTION



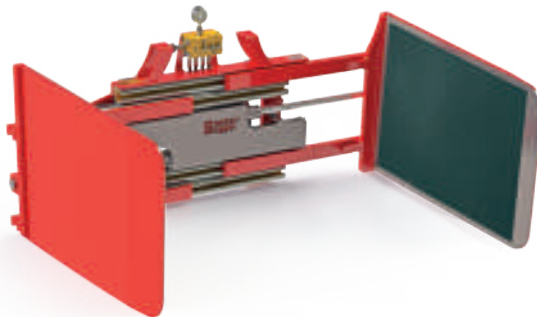
Max 1700 lbf
Max 770 kgf



Nov 1730
Nov 1731

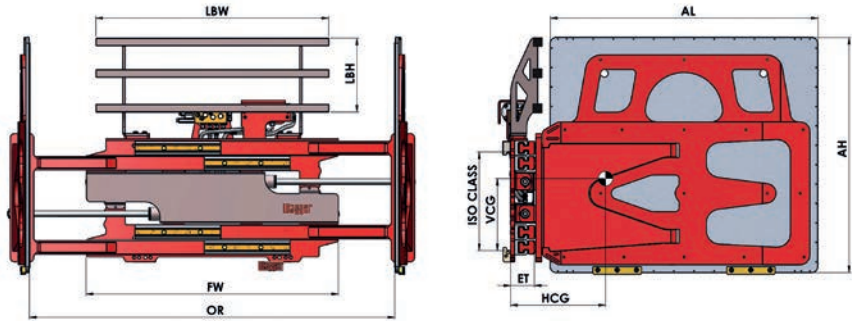


Catalog No	Capacity@ Load Centre	Mounting Class	Carriage Width	Opening Range (mm)	Arm Dimensions (mm)	Effective Thickness (mm)	Horizontal Centre of Gravity (mm)	Weight
	kg/mm	ISO 2328	FW	OR	AL / AH / L / AT	ET	HCG	kg
010CSL-A01GR	1000/500	2A	900	480-1400	1100/700/30	96	433	540
010CSL-A02GR	1000/500	2A	1100	480-1600	1100/700/30	96	433	550
010CSL-A03GR	1000/500	2A	1200	480-1740	1100/700/30	96	433	560
014CSL-A05GR	1400/500	2A	1100	530-1800	1100/800/30	111	447	545
014CSL-A11GR	1400/500	2A	1200	600-2100	1100/800/30	111	447	545
014CSL-B13GR	1400/500	3A	1300	750-2500	1200/800/50	111	447	580

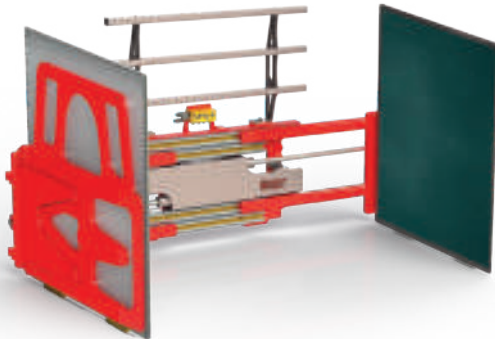


Technical Information

It is used for loading, unloading or stacking carton boxes
 1 hydraulic function
 Flow Divider
 Optional;
 Quick Release Hooks
 Pressure Gauge
 Hoses & Jack Set



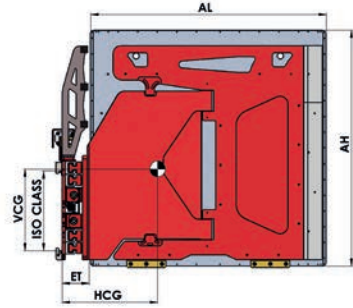
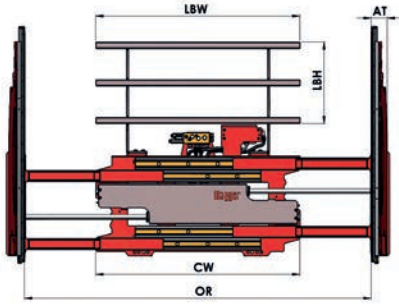
Catalog No	Capacity@ Load Centre	Mounting Class	Carriage Width	Opening Range (mm)	Arm Dimensions (mm)	Load Backrest Dimensions (mm)	Effective Thickness (mm)	Horizontal Centre of Gravity (mm)	Weight
	kg/mm	ISO 2328	FW	OR	AL / AH	LBW / LBH	ET	HCG	kg
010WGA-A52EH	1000/600	2A / 3A	1200	500-2000	1200 / 1200	1200 / 420	159	453	815
010WGA-A62EH	1000/650	2A / 3A	1300	600-2200	1380 / 1220	1300 / 520	159	460	840
014WGA-B62GH	1400/700	3A	1300	600-2200	1400 / 1400	1300 / 575	159	560	950
014WGA-B64GH	1400/750	3A	1550	600-2450	1500 / 1500	1500 / 630	159	565	985



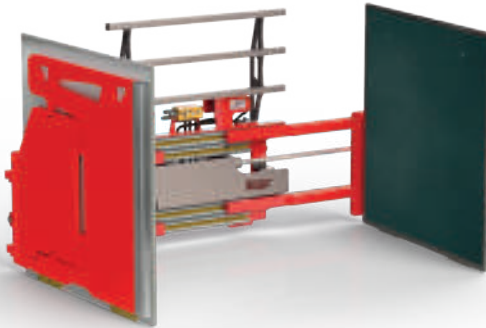
Technical Information

It is used for loading, unloading or stacking whitegoods & appliance goods
 1 hydraulic function
 Flow Divider
 Optional;
 Quick Release Hooks
 Pressure Gauge
 Hoses & Jack Set





Catalog No	Capacity@ Load Centre	Mounting Class	Carriage Width	Opening Range (mm)	Arm Dimensions (mm)	Load Backrest Dimensions (mm)	Effective Thickness (mm)	Horizontal Centre of Gravity (mm)	Weight
	kg/mm	ISO 2328	CW	OR	AL / AH	LBW / LBH	ET	HCG	kg
010WGC-A52EH	1000/600	2A / 3A	1200	600-2100	1200 / 1200	1200 / 420	159	453	840
010WGC-A62EH	1000/650	2A / 3A	1300	600-2200	1380 / 1220	1300 / 520	159	460	855
014WGC-B62GH	1400/700	3A	1300	600-2200	1400 / 1400	1300 / 575	159	560	965
014WGC-B64GH	1400/750	3A	1550	600-2400	1500 / 1500	1500 / 630	159	565	1000



Technical Information

It is used for loading, unloading or stacking whitegoods & appliance goods
 1 hydraulic function
 Flow Divider
 Optional;
 Quick Release Hooks
 Pressure Gauge
 Hoses & Jack Set

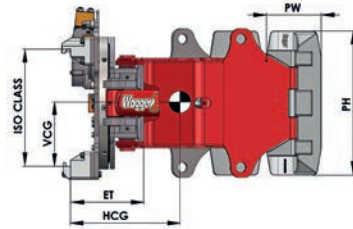
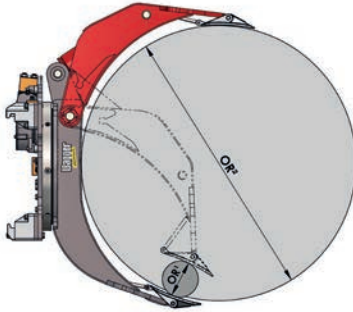
06

PRS	360° Rotating Paper Roll Clamp - Fixed Short Arm	6.1
PRA	360° Rotating Paper Roll Clamp / Double Arm Positionable	6.2
PRC	360° Rotating Paper Roll Clamp / Split Long Arm	6.3
PRT	360° Rotating Tissue Roll Clamp	6.4
PRR	Sliding Paper Roll Clamp	6.5
PRY	360° Rotating Tyre Clamp / Fixed Short Arm	6.6

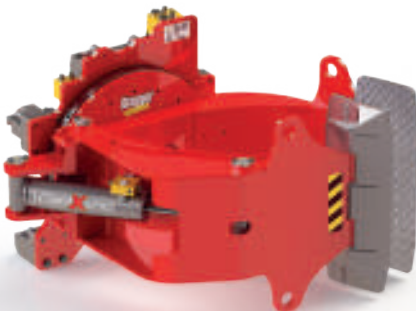


Wagger
attachments

PAPER ROLL CLAMPS



Catalog No	Capacity@ Load Centre	Mounting Class	Opening Range (mm)	Arm Configuration	Pad Size (mm)	Pad Configuration	Effective Thickness (mm)	Horizontal Centre of Gravity (mm)	Weight
	kg/mm	ISO 2328	OR	Short/Long	PW / PL	Qty	ET	HCG	kg
010PRS-A02HS	1000/600	2A	250-1200	Fixed / Positionable	240 / 740	2 Pads	296	309	500
012PRS-A04HS	1200/700	2A	250-1400	Fixed / Positionable	240 / 740	2 Pads	296	309	510
015PRS-A05HS	1500/750	2A/3A	250-1500	Fixed / Positionable	240 / 740	2 Pads	296	309	520
016PRS-A06HS	1600/800	2A/3A	250-1600	Fixed / Positionable	240 / 740	2 Pads	296	309	530



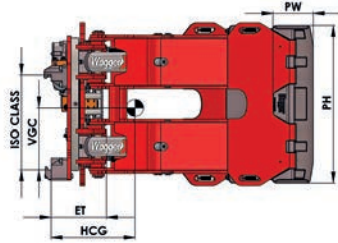
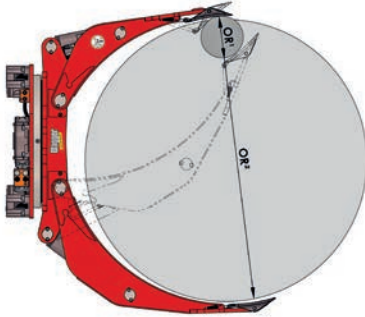
Technical Information

Attachment rotates hydraulically by 360° endless in both directions.

2 hydraulic functions

Different contact pad coatings are available.

Fixed Short Arm

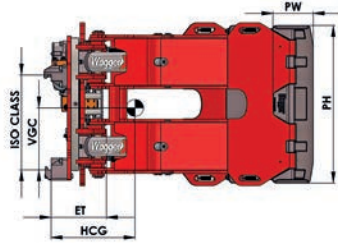
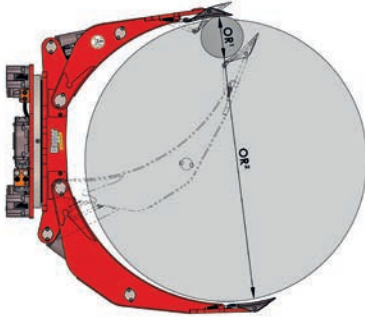


Catalog No	Capacity@ Load Centre	Mounting Class	Opening Range (mm)	Arm Configuration	Pad Size (mm)	Pad Configuration	Effective Thickness (mm)	Horizontal Centre of Gravity (mm)	Weight
	kg/mm	ISO 2328	OR	Short/Long	PW / PL	Qty	ET	HCG	kg
016PRA-A02HT	1600/600	2A/3A	250-1200	45° Pos. / Positionable	240 / 740	2 Pads	290	333	660
016PRA-A04HP	1600/700	2A/3A	250-1400	45° Pos. / Positionable	240 / 740	2 Pads	290	337	667
016PRA-B05HS	1600/750	2A/3A	250-1500	45° Pos. / Positionable	240 / 740	2 Pads	290	368	720
016PRA-B06HZ	1600/800	2A/3A	250-1600	45° Pos. / Positionable	240 / 740	2 Pads	290	368	730
020PRA-A02HT	2000/600	2A/3A	250-1200	45° Pos. / Positionable	240 / 740	2 Pads	290	325	760
020PRA-A04HP	2000/700	2A/3A	250-1400	45° Pos. / Positionable	240 / 740	2 Pads	290	326	765
020PRA-B05HS	2000/750	2A/3A	250-1500	45° Pos. / Positionable	240 / 740	2 Pads	290	375	770
020PRA-B06HZ	2000/800	2A/3A	250-1600	45° Pos. / Positionable	240 / 740	2 Pads	290	379	775
026PRA-B02HS	2600/750	3A	250-1200	45° Pos. / Positionable	240 / 740	2 Pads	290	364	880
026PRA-B04HZ	2600/800	3A	250-1400	45° Pos. / Positionable	240 / 740	2 Pads	290	365	890
026PRA-B05HY	2600/900	3A	250-1500	45° Pos. / Positionable	240 / 740	2 Pads	290	370	900
026PRA-B06HJ	2600/950	3A	250-1600	45° Pos. / Positionable	240 / 740	2 Pads	290	373	910
030PRA-B05HS	3000/750	3A/4A	250-1500	45° Pos. / Positionable	240 / 850	2 Pads	300	398	1000
030PRA-B06HZ	3000/800	3A/4A	250-1600	45° Pos. / Positionable	240 / 850	2 Pads	300	398	1050
030PRA-B08HY	3000/900	3A/4A	250-1800	45° Pos. / Positionable	240 / 850	2 Pads	300	410	1100
030PRA-B09HJ	3000/950	3A/4A	250-1900	45° Pos. / Positionable	240 / 850	2 Pads	300	417	1150
030PRA-B10HG	3000/1000	3A/4A	250-2000	45° Pos. / Positionable	240 / 850	2 Pads	300	419	1100



Technical Information

Attachment rotates hydraulically by 360° endless in both directions.
2 hydraulic functions
Different contact pad coatings are available
45° Short Arm Movement

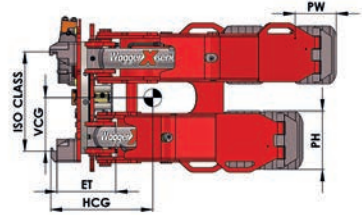
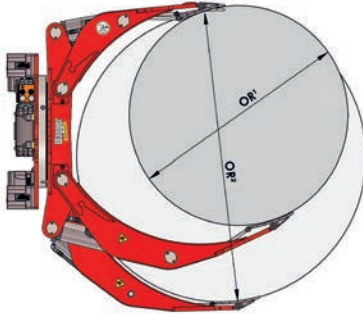


Catalog No	Capacity@ Load Centre	Mounting Class	Opening Range (mm)	Arm Configuration	Pad Size (mm)	Pad Configuration	Effective Thickness (mm)	Horizontal Centre of Gravity (mm)	Weight
	kg/mm	ISO 2328	OR	Short/Long	PW / PL	Qty	ET	HCG	kg
03SPRA-B05HS	3500/750	4A	250-1500	45° Pos. / Positionable	240 / 850	2 Pads	230	305	1050
03SPRA-B06HZ	3500/800	4A	250-1600	45° Pos. / Positionable	240 / 850	2 Pads	230	309	1080
03SPRA-B08HY	3500/900	4A	250-1800	45° Pos. / Positionable	240 / 850	2 Pads	230	312	1150
03SPRA-B09HJ	3500/950	4A	250-1900	45° Pos. / Positionable	240 / 850	2 Pads	230	317	1195
03SPRA-B10HG	3500/900	4A	250-2000	45° Pos. / Positionable	240 / 850	2 Pads	230	321	1220
038PRA-B05HS	3800/750	4A	250-1500	45° Pos. / Positionable	240 / 850	2 Pads	234	305	1100
038PRA-B06HZ	3800/800	4A	250-1600	45° Pos. / Positionable	240 / 850	2 Pads	234	309	1185
038PRA-B08HY	3800/900	4A	250-1800	45° Pos. / Positionable	240 / 850	2 Pads	234	312	1192
038PRA-B09HJ	3800/950	4A	250-1900	45° Pos. / Positionable	240 / 850	2 Pads	234	317	1205
038PRA-B10HG	3800/1000	4A	250-2000	45° Pos. / Positionable	240 / 850	2 Pads	234	321	1240
04SPRA-B06HZ	4500/800	4A	450-1600	45° Pos. / Positionable	240 / 1050	2 Pads	284	635	2000
04SPRA-B08HY	4500/900	4A	450-1800	45° Pos. / Positionable	240 / 1050	2 Pads	284	639	2100
04SPRA-B09HJ	4500/950	4A	650-1900	45° Pos. / Positionable	240 / 1050	2 Pads	284	642	2200
04SPRA-B10HG	4500/1000	4A	650-2000	45° Pos. / Positionable	240 / 1050	2 Pads	284	645	2300
050PRA-B06HZ	5000/800	4A	450-1600	45° Pos. / Positionable	240 / 1150	2 Pads	284	640	2100
050PRA-B08HY	5000/900	4A	450-1800	45° Pos. / Positionable	240 / 1150	2 Pads	284	643	2200
050PRA-B09HJ	5000/950	4A	450-1900	45° Pos. / Positionable	240 / 1150	2 Pads	284	645	2300
050PRA-B10HG	5000/1000	4A	650-2000	45° Pos. / Positionable	240 / 1150	2 Pads	284	648	2400
050PRA-B12HT	5000/1100	4A	650-2200	45° Pos. / Positionable	240 / 1150	2 Pads	284	650	2500
050PRA-B13HP	5000/1150	4A	650-2300	45° Pos. / Positionable	240 / 1150	2 Pads	284	653	2600

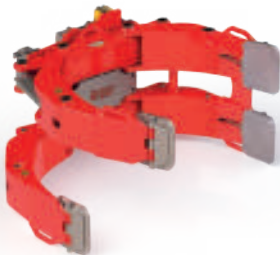


Technical Information

Attachment rotates hydraulically by 360° endless in both directions.
2 hydraulic functions
Different contact pad coatings are available
45° Short Arm Movement

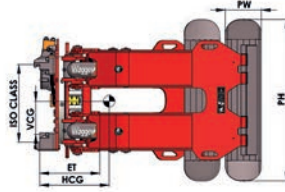
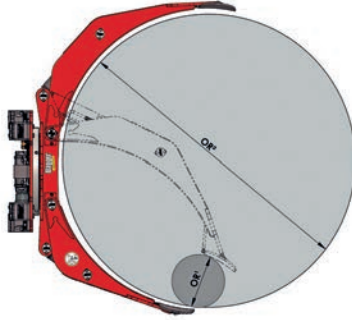


Catalog No	Capacity@ Load Centre	Mounting Class	Opening Range (mm)	Arm Configuration	Pad Size (mm)	Pad Configuration	Effective Thickness (mm)	Horizontal Centre of Gravity (mm)	Weight
	kg/mm	ISO 2328	OR	Short/Long	PW / PL	Qty	ET	HCG	kg
016PRC-A02HT	1600/600	2A/3A	250-1200	Positionable / Split	240 / 300	4 Pads	290	224	630
016PRC-A04HP	1600/700	2A/3A	250-1400	Positionable / Split	240 / 300	4 Pads	290	327	635
016PRC-B05HS	1600/750	2A/3A	250-1500	Positionable / Split	240 / 300	4 Pads	290	330	640
016PRC-B06HZ	1600/800	2A/3A	250-1600	Positionable / Split	240 / 300	4 Pads	290	333	647
020PRC-A02HT	2000/600	2A/3A	250-1200	Positionable / Split	240 / 300	4 Pads	290	325	740
020PRC-A04HP	2000/700	2A/3A	250-1400	Positionable / Split	240 / 300	4 Pads	290	326	750
020PRC-B05HS	2000/750	2A/3A	250-1500	Positionable / Split	240 / 300	4 Pads	290	375	760
020PRC-B06HZ	2000/800	2A/3A	250-1600	Positionable / Split	240 / 300	4 Pads	290	379	750
026PRC-B05HS	2600/750	3A	250-1200	Positionable / Split	240 / 300	4 Pads	290	364	880
026PRC-B06HZ	2600/800	3A	250-1400	Positionable / Split	240 / 300	4 Pads	290	365	890
026PRC-B08HY	2600/900	3A	250-1500	Positionable / Split	240 / 300	4 Pads	290	370	900
026PRC-B09HJ	2600/950	3A	250-1600	Positionable / Split	240 / 300	4 Pads	290	373	910
030PRC-B06HZ	3000/800	3A/4A	250-1600	Positionable / Split	240 / 400	4 Pads	261	358	1145
030PRC-B08HY	3000/800	3A/4A	250-1800	Positionable / Split	240 / 400	4 Pads	261	360	1165
030PRC-B09HJ	3000/950	3A/4A	250-1900	Positionable / Split	240 / 400	4 Pads	261	362	1185
030PRC-B10HG	3000/1000	3A/4A	250-2000	Positionable / Split	240 / 400	4 Pads	261	365	1200
035PRC-B06HZ	3500/800	4A	250-1600	Positionable / Split	240 / 400	4 Pads	261	360	1235
035PRC-B08HY	3500/900	4A	250-1800	Positionable / Split	240 / 400	4 Pads	261	363	1245
035PRC-B09HJ	3500/950	4A	250-1900	Positionable / Split	240 / 400	4 Pads	261	365	1255
035PRC-B10HG	3500/900	4A	250-2000	Positionable / Split	240 / 400	4 Pads	261	369	1265

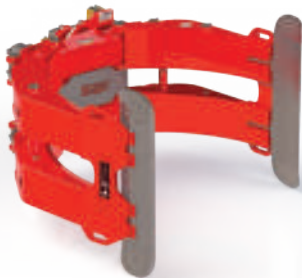


Technical Information

Attachment rotates hydraulically by 360° endless in both directions.
 2 hydraulic functions
 Different contact pad coatings are available.
 45° Short Arm Movement
 Split Long Arm

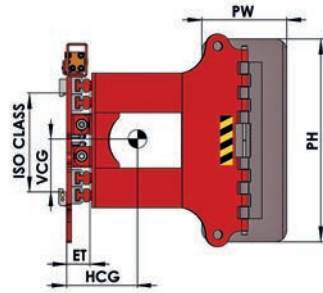
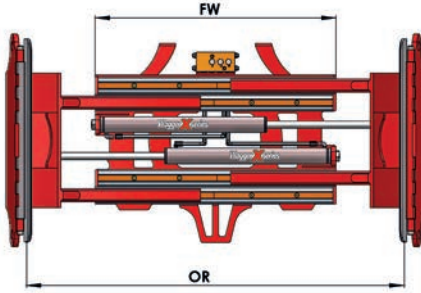


Catalog No	Capacity@ Load Centre	Mounting Class	Opening Range (mm)	Arm Configuration	Pad Size (mm)	Pad Configuration	Effective Thickness (mm)	Horizontal Centre of Gravity (mm)	Weight
	kg/mm	ISO 2328	OR	Short/Long	PW / PL	Qty	ET	HCG	kg
016PRT-A02HT	1600/600	2A/3A	250-1200	45° Pos. / Positionable	260 / 900	2 Pads	290	224	650
016PRT-A04HP	1600/700	2A/3A	250-1400	45° Pos. / Positionable	260 / 900	2 Pads	290	327	655
016PRT-B05HS	1600/750	2A/3A	250-1500	45° Pos. / Positionable	260 / 900	2 Pads	290	330	660
016PRC-B06HZ	1600/800	2A/3A	250-1600	45° Pos. / Positionable	260 / 900	2 Pads	290	333	687
020PRT-A02HT	2000/600	2A/3A	250-1200	45° Pos. / Positionable	260 / 900	2 Pads	290	325	760
020PRT-A04HP	2000/700	2A/3A	250-1400	45° Pos. / Positionable	260 / 900	2 Pads	290	326	770
020PRT-B05HS	2000/750	2A/3A	250-1500	45° Pos. / Positionable	260 / 900	2 Pads	290	375	790
020PRT-B06HZ	2000/800	2A/3A	250-1600	45° Pos. / Positionable	260 / 900	2 Pads	290	379	800
026PRT-B05HS	2600/750	3A	250-1500	45° Pos. / Positionable	300 / 1000	2 Pads	290	364	880
026PRT-B06HZ	2600/800	3A	250-1600	45° Pos. / Positionable	300 / 1000	2 Pads	290	365	890
026PRT-B08HY	2600/900	3A	250-1800	45° Pos. / Positionable	300 / 1000	2 Pads	290	370	900
026PRT-B09HJ	2600/950	3A	250-1900	45° Pos. / Positionable	300 / 1000	2 Pads	290	373	910
030PRT-B05HS	3000/750	3A/4A	250-1500	45° Pos. / Positionable	300 / 1100	2 Pads	261	355	1200
030PRT-B06HZ	3000/800	3A/4A	250-1600	45° Pos. / Positionable	300 / 1100	2 Pads	261	358	1220
030PRT-B08HY	3000/800	3A/4A	250-1800	45° Pos. / Positionable	300 / 1100	2 Pads	261	360	1230
030PRT-B09HJ	3000/950	3A/4A	250-1900	45° Pos. / Positionable	300 / 1100	2 Pads	261	362	1240
030PRT-B10HG	3000/1000	3A/4A	400-2000	45° Pos. / Positionable	300 / 1100	2 Pads	261	365	1250
035PRT-B05HS	3500/750	4A	250-1500	45° Pos. / Positionable	350 / 1200	2 Pads	261	358	1245
035PRT-B06HZ	3500/800	4A	250-1600	45° Pos. / Positionable	350 / 1200	2 Pads	261	360	1255
035PRT-B08HY	3500/900	4A	250-1800	45° Pos. / Positionable	350 / 1200	2 Pads	261	363	1265
035PRT-B09HJ	3500/950	4A	250-1900	45° Pos. / Positionable	350 / 1200	2 Pads	261	365	1275
035PRT-B10HG	3500/900	4A	400-2000	45° Pos. / Positionable	350 / 1200	2 Pads	261	369	1285

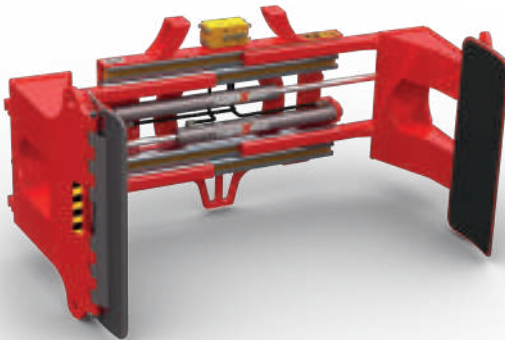


Technical Information

Attachment rotates hydraulically by 360° endless in both directions.
2 hydraulic functions
Different contact pad coatings are available.
45° Short Arm Movement
Wide surface contact pads for Tissue Rolls

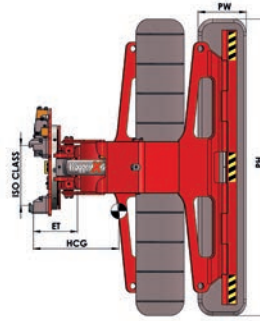
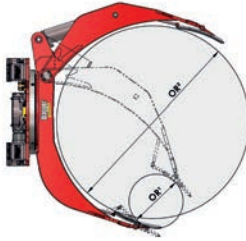


Catalog No	Capacity	Mounting Class	Chasis Width	Opening Range (mm)	Pad Size (mm)	Arm Configuration	Effective Thickness (mm)	Horizontal Centre of Gravity (mm)	Weight
	kg/mm	ISO 2328	FW	OR	PW / PL	Qty	ET	HCG	kg
015PRR-B4613	1500@600	3A	1000	460-1300	300/740	2 Pads	121	245	460
015PRR-B4616	1500@600	3A	1200	460-1600	300/740	2 Pads	121	245	465
026PRR-C4616	2600@800	4A	1300	460-1600	350/850	2 Pads	127	252	550
030PRR-C4620	3000@1000	4A	1300	460-2000	350/1050	2 Pads	127	255	565



Technical Information

Non-Rotating
2 hydraulic functions
Different contact pad coatings are available
Integrated Sideshift



Catalog No	Capacity	Mounting Class	Opening Range (mm)	Arm Configuration	Pad Size (mm)	Arm Configuration	Effective Thickness (mm)	Horizontal Centre of Gravity (mm)	Weight
	kg/mm	ISO 2328	OR	Short/Long	PW / PL	Qty	ET	HCG	kg
016PRY-A02HT	1600/600	2A/3A	250-1200	Fixed / Positionable	350 / 2050	2 Pads	290	224	650
016PRY-A04HP	1600/700	2A/3A	250-1400	Fixed / Positionable	350 / 2050	2 Pads	290	327	655
020PRY-A02HT	2000/600	2A/3A	250-1200	Fixed / Positionable	350 / 2050	2 Pads	290	325	760
020PRY-A04HP	2000/700	2A/3A	250-1400	Fixed / Positionable	350 / 2050	2 Pads	290	326	770





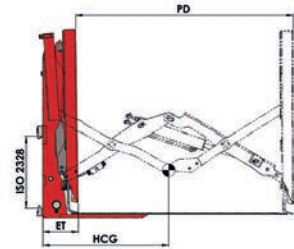
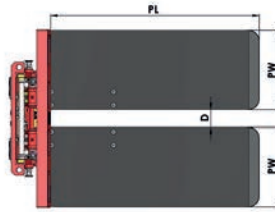
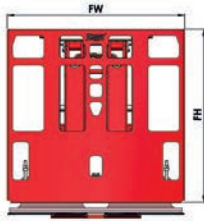
07

SCK	Push&Pulls	7.1
SCR	Push&Pulls with SmartRoller™	7.2
SCS	Push&Pulls / Sheet Saver	7.3
SCSs	Push&Pulls / Sheet Saver & Sideshifting	7.4
SCD	Double Push&Pulls / Sheet Saver	7.5
SCU	Load Push Unit	7.6
SCP	Pallet Load Extender	7.7
SPU	Pantograph	7.8
SMR	SmartRoller™	7.9
SPK	360° Inverter Push Clamp	7.10



Waggoner
attachments

PALLETLESS HANDLING SOLUTIONS

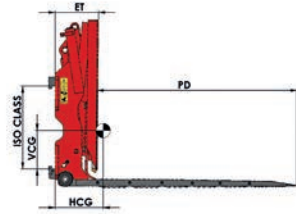
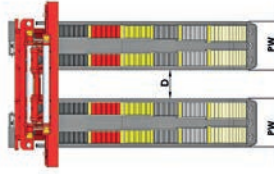
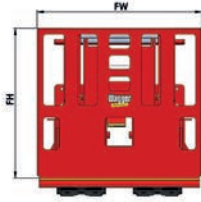


Catalog No	Capacity	Mounting Class	Pushing Distance (mm)	Front Pannel Dimensions (mm)	Platen Dimensions (mm)	Min. Carrige Hook Width	Effective Thickness (mm)	Horizontal Centre of Gravity (mm)	Horizontal Centre of Gravity (mm)	Weight
	kg@mm	ISO 2328	PD	FW / FH	PL / PW / D	MCV	ET	HCG 1	HCG 2	kg
016SCK-A1200	1600/600	2A	1200	1000 / 1000	1230 / 455 / 100	471	200	255	750	440
020SCK-B1230	2000/600	3A	1200	1000 / 1000	1230 / 455 / 100	471	210	262	758	470



Technical Information

Position forks under platens.
1 Hydraulic Function
Quick Fork Mounting
High visibility & strength pantograph design
Cylinders, valve and hydraulics are protected in the arms

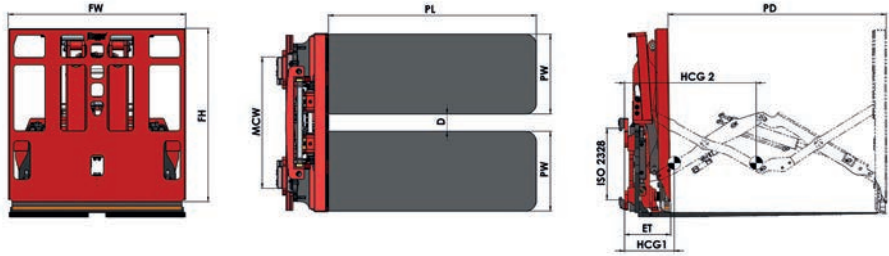


Catalog No	Capacity	Mounting Class	Pushing Distance (mm)	Front Pannel Dimensions (mm)	Platen Dimensions (mm)	Min. Carrige Hook Width	Effective Thickness (mm)	Horizontal Centre of Gravity (mm)	Horizontal Centre of Gravity (mm)	Weight
	kg/mm	ISO 232B	PD	FW / FH	PL / PW / D	MCV	ET	HCG 1	HCG 2	kg
016SCR-AI200	1600/600	2A	1200	1000 / 1000	1230 / 310 / 170	471	200	255	750	540
020SCR-BI230	2000/600	3A	1200	1000 / 1000	1230 / 310 / 170	471	210	262	758	570



Technical Information

Position forks under platens.
 1 Hydraulic Function
 Quick Fork Mounting
 High visibility & strength pantograph design
 Cylinders, valve and hydraulics are protected in the arms

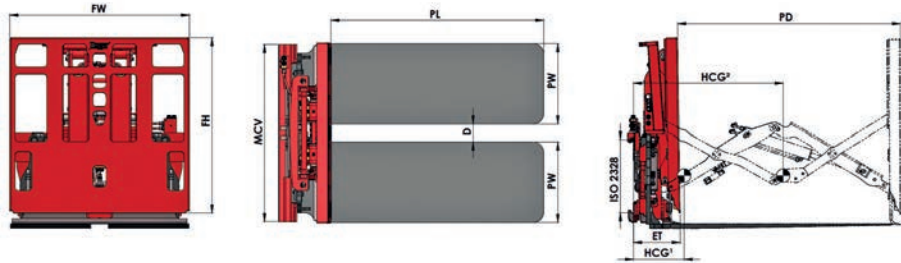


Catalog No	Capacity	Mounting Class	Pushing Distance (mm)	Front Pannel Dimensions (mm)	Platen Dimensions (mm)	Min. Carrige Hook Width	Effective Thickness (mm)	Horizontal Centre of Gravity (mm)	Horizontal Centre of Gravity (mm)	Weight
	kg@mm	ISO 2328	PD	FW / FH	PL / PW / D	MCV	ET	HCG 1	HCG 2	kg
016SCS-A02GK	1600/600	2A	1200	1000 / 1000	1230 / 455 / 100	471	265	288	624	600
020SCS-B04GK	2000/600	3A	1200	1000 / 1000	1200 / 455 / 100	471	265	283	612	615



Technical Information

Sheet Saving model
 2 Hydraulic Function
 Quick Release Hooks are optional
 High visibility & strength pantograph design
 Cylinders, valve and hydraulics are protected in the arms

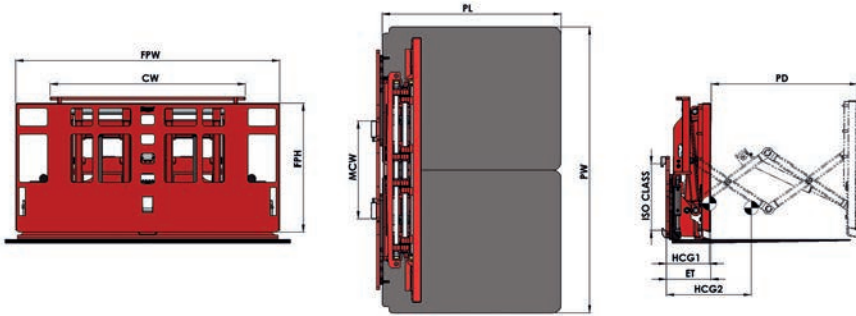


Catalog No	Capacity	Mounting Class	Pushing Distance (mm)	Front Pannel Dimensions (mm)	Platen Dimensions (mm)	Min. Carriage Hook Width	Effective Thickness (mm)	Horizontal Centre of Gravity (mm)	Horizontal Centre of Gravity (mm)	Weight
	kg@mm	ISO 2328	PD	FW / FH	PL / PW / D	MCV	ET	HCG 1	HCG 2	kg
016SCSs-A06GP	1600/600	2A	1200	1000 / 1000	1230 / 455 / 100	471	278	286	604	630
020SCSs-B09GP	2000/600	3A	1200	1000 / 1000	1200 / 455 / 100	471	210	262	758	650

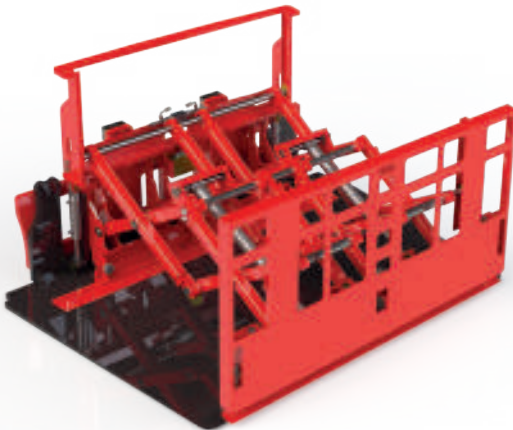


Technical Information

Sheet Saving model
 3 Hydraulic Functions
 Quick Release Hooks are optional
 Separate Sideshifting
 Adjustable platens
 Cylinders, valve and hydraulics are protected in the arms



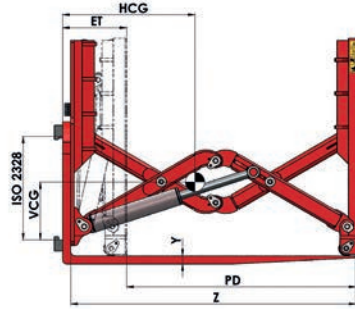
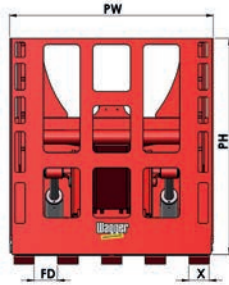
Catalog No	Capacity	Mounting Class	Pushing Distance (mm)	Front Pannel Dimensions (mm)	Platen Dimensions (mm)	Min. Carrige Hook Width	Effective Thickness (mm)	Horizontal Centre of Gravity (mm)	Horizontal Centre of Gravity (mm)	Weight
	kg/mm	ISO 2328	PD	FPW / FPH	PL / PW	MCV	ET	HCG 1	HCG 2	kg
020SCD-BI200	2000/600	3A	1200	1900 / 1000	1200 / 1940	471	210	262	758	1050



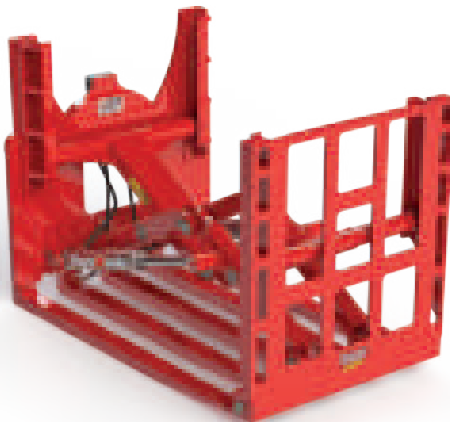
Technical Information

Sheet Saving model
 2 Hydraulic Function
 Quick Release Hooks are optional
 Excellent visibility of Front Pannel
 Cylinders, valve and hydraulics are protected in the arms





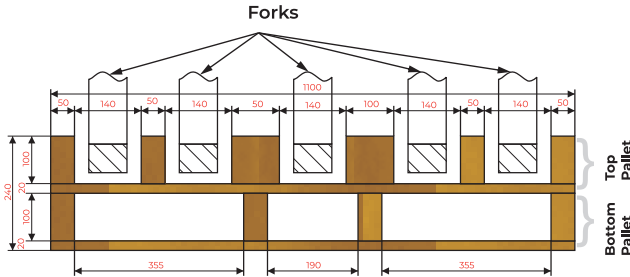
Catalog No	Capacity	Mounting Class	Carriage Width	Opening Range (mm)	Front Plate Dimensions (mm)	Fork Dimensions (mm)	Pushing Distance (mm)	Inner to Inner Distance (mm)	Effective Thickness (mm)	Horizontal Centre of Gravity (mm)	Weight
	kg/mm	ISO 2328	mm	OR	PH-PW	X / Y / Z	PD	FD	ET	HCG	kg
020SCU-B10EH	2000/500	2A	1000	315-1140	1066-1000	80 / 40 / 1400	1200	140	310	576	780
026SCU-C11FH	2600/500	3A/4A	1000	315-1140	1066-1000	80 / 50 / 1400	1200	140	312	578	810



Technical Information

- 1 Hydraulic Function
- Quick Release Hooks are optional
- Excellent visibility of Front Panel
- Cylinders, valve and hydraulics are protected in the arms

SAMPLE 1

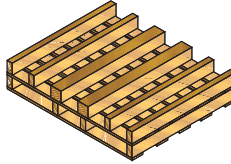


Bottom Pallet

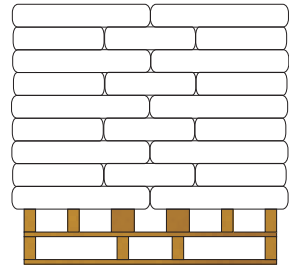
4x50x100x1000
5x20x100x1100

Top Pallet

4x50x100x1000
2x100x100x1000
8x20x100x1100

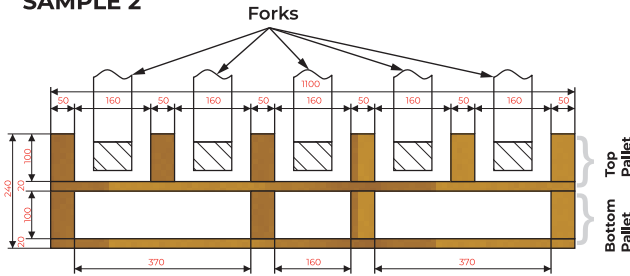


Plaster Bags



Special Pallet for Plaster Bags

SAMPLE 2

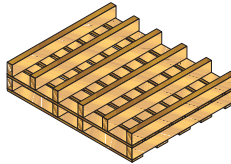


Bottom Pallet

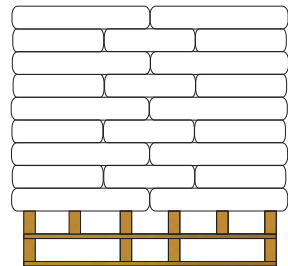
4x50x100x1000
5x20x100x1100

Top Pallet

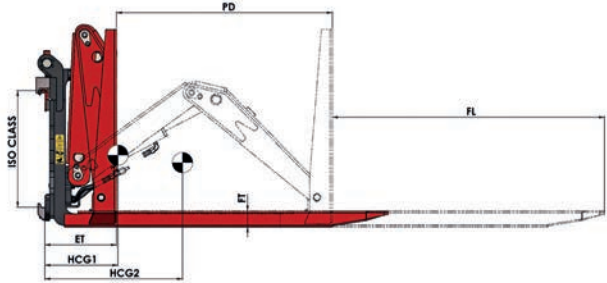
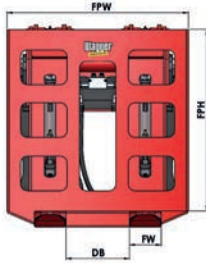
6x50x100x1000
8x20x100x1100



Plaster Bags



Special Pallet for Plaster Bags

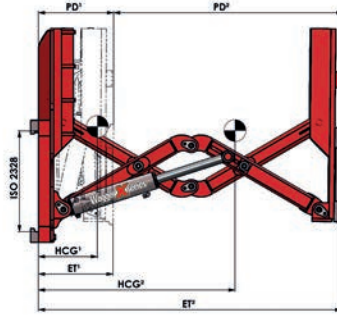
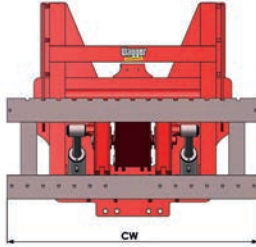


Catalog No	Capacity	Mounting Class	Carriage Width	Pushing Distance (mm)	Fork Dimensions (mm)	Inner to Inner Distance (mm)	Effective Thickness (mm)	Horizontal Centre of Gravity (mm)	Weight	Weight
	kg/mm	ISO 2328	FPW	PD	FW/FT/FL	DP	ET	HCG	kg	kg
020SCP-B10EH	2000/500	2A	800	1200	140 / 70 / 1200	280	330	607	560	780
026SCP-C11FH	2600/500	3A/4A	800	1200	140 / 70 / 1200	280	335	615	585	810



Technical Information

2 Hydraulic Functions
Quick Release Hooks are optional
Separate Sideshifting
Solid design

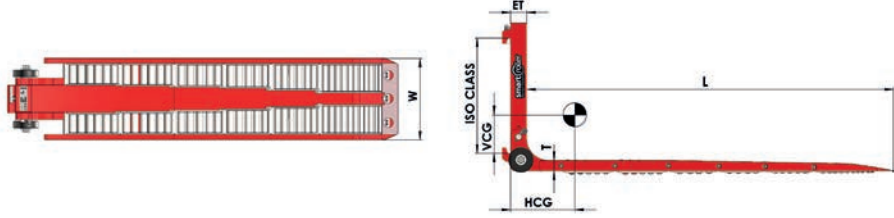


Catalog No	Capacity	Mounting Class	Carriage Width	Pushing Distance (mm)	Total Length	Effective Thickness (mm)	Horizontal Centre of Gravity (mm)	Horizontal Centre of Gravity (mm)	Weight
	kg/mm	ISO 2328	CW	PD¹-PD²	TL	ET	HCG¹	HCG²	kg
020SPU-B10EH	2000/500	2A/3A	1100	380-1200	1550	376	298	993	395
026SPU-CT1FH	2600/500	3A/4A	1200	380-1200	1550	385	305	1005	425



Technical Information

Front Board's width upon request.
 2 Hydraulic Fontions
 Quick Release Hooks are optional
 The capacities are related to the extended pantograph
 Load Backrest and forks are optional parts.



smartRoller®

Catalog No	Capacity	Mounting Class	Sizes	Effective Thick-ness (mm)	Horizontal Centre of Gravity (mm)	Horizontal Centre of Gravity (mm)	Weight
	kg/mm	ISO 2328	W/T/L	ET	HCG	VCG	kg
016SMR-A1100	1600	2A	190/50/1100	50	354	70	85
016SMR-A1200	1600	2A	190/50/1200	50	354	70	85
025SMR-A1100	2500	2A	210/50/1100	60	354	70	90
025SMR-A1200	2500	2A	210/50/1200	60	354	70	90
035SMR-B1100	3500	3A	310/50/1100	60	354	70	95
035SMR-B1200	3500	3A	310/50/1200	60	354	70	95



Technical Information

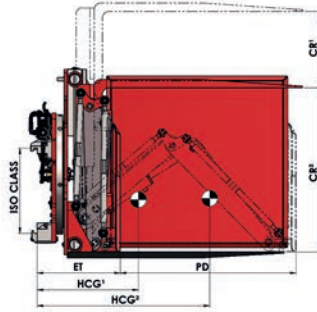
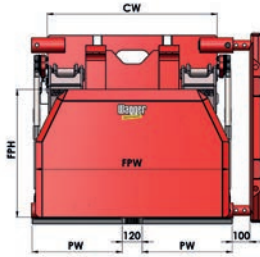
Technical Information

A SmartRoller can be folded

Versatile rolls handle boxes and cartons and bagged goods perfectly

No more heavier capacity Forklift's is needed

Unique Roller Mechanism



Catalog No	Capacity	Mounting Class	Pushing Distance (mm)	Front Pannel Dimensions (mm)	Platen Dimensions (mm)	Fork Clamping Range	Effective Thickness (mm)	Horizontal Centre of Gravity (mm)	Horizontal Centre of Gravity (mm)	Weight
	kg/mm	ISO 232B	PD	FPW / FPH	PL / PW / D	CR1/CR2	ET	HCG 1	HCG 2	kg
016SPK-B1150	1600/600	3A/4A	1100	1100 / 765	1230 / 540 / 120	458/984	498	433	538	1600
020SPK-B1150	2000/600	3A/4A	1100	1100 / 765	1230 / 540 / 120	458/984	498	433	538	1650



Technical Information

Rotation 360° endlessly
 3 Hydraulic Functions
 Quick Release Hooks are optional
 Lateral supporting plate upon request.
 Solid Design

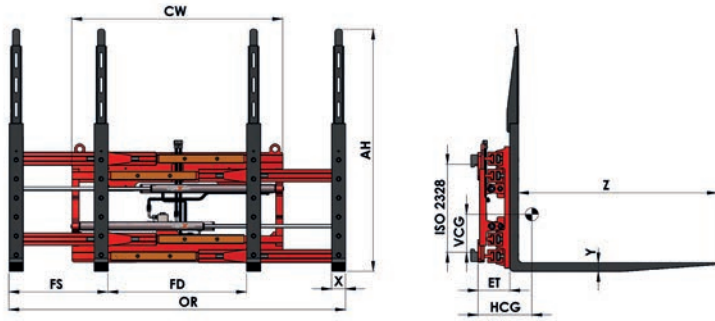
08

MPH	Single-Double Pallet Handler	8.1
MPT	Triple Pallet Handler	8.2



Wagner
attachments

MULTI PALLET HANDLERS



Catalog No	Capacity	Mounting Class	Carriage Width	Opening Range (mm)	Fork Spread (mm)	Fork Dimensions (mm)	Fork Guard Height (mm)	Effective Thickness (mm)	Horizontal Centre of Gravity (mm)	Weight
	kg/mm	ISO 2328	CW	OR	FS / FD	X / Y / Z	AH	ET	HCG	kg
020MPH-A43GJ	2000/500	2A	1220	595-1950	565-695	80 / 40 / 1150	1400	224	243	560
020MPHs-A43GJ	2000/500	2A	1220	595-1950	565-695	80 / 40 / 1150	1400	234	248	578
025MPH-B44GJ	2500/500	2A	1220	595-1950	565-695	80 / 50 / 1150	1400	234	245	585
025MPHs-B44GJ	2500/500	2A	1220	595-1950	565-695	80 / 50 / 1150	1400	240	244	598
028MPH-B45GJ	2800/500	3A	1220	595-1950	565-695	80 / 50 / 1150	1400	234	245	595
028MPHs-B45GJ	2800/500	3A	1220	595-1950	565-695	80 / 50 / 1150	1400	240	244	608
035MPH-B46GJ	3200/500	3A/4A	1220	595-1950	565-695	80 / 60 / 1150	1400	244	248	605
035MPHs-B46GJ	3200/500	3A/4A	1220	595-1950	565-695	80 / 60 / 1150	1400	250	248	618



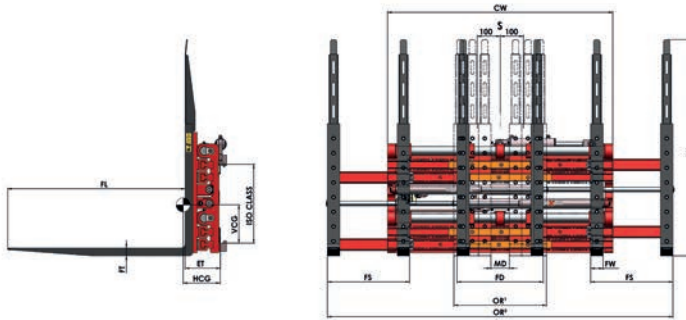
Technical Information

Single or Double Pallet Handling
 2 Hydraulic Functions
 Quick Release Hooks are optional
 MPH Non-Sideshifting Model
 MPHs Separate Sideshifting Model

1



2



Catalog No	Capacity	Mounting Class	Carriage Width (mm)	Opening Range (mm)	Fork Spread (mm)	Fork Distance (mm)	Min. Fork Distance (mm)	Fork Dimensions (mm)	Fork Guard Height (mm)	Side Shift Stroke (mm)	Effective Thickness (mm)	Horizontal Centre of Gravity (mm)	Weight
	kg/mm	ISO 2328	CW	OR	FS	FD	MD	X / Y / Z	AH	S	ET	HCG	kg
045MPT-C1460	2000/500	4A	1460	2240	533	560	120	80 / 50 / 1150	1400	None	220	243	985
045MPTs-C1460	2000/500	4A	1460	2240	533	560	120	80 / 50 / 1150	1400	100	229	248	1018



Technical Information

Single or Triple Pallet Handling
2 Hydraulic Functions
Quick Release Hooks are optional
MPT Non-Sideshifting Model
MPTs Separate Sideshifting Model

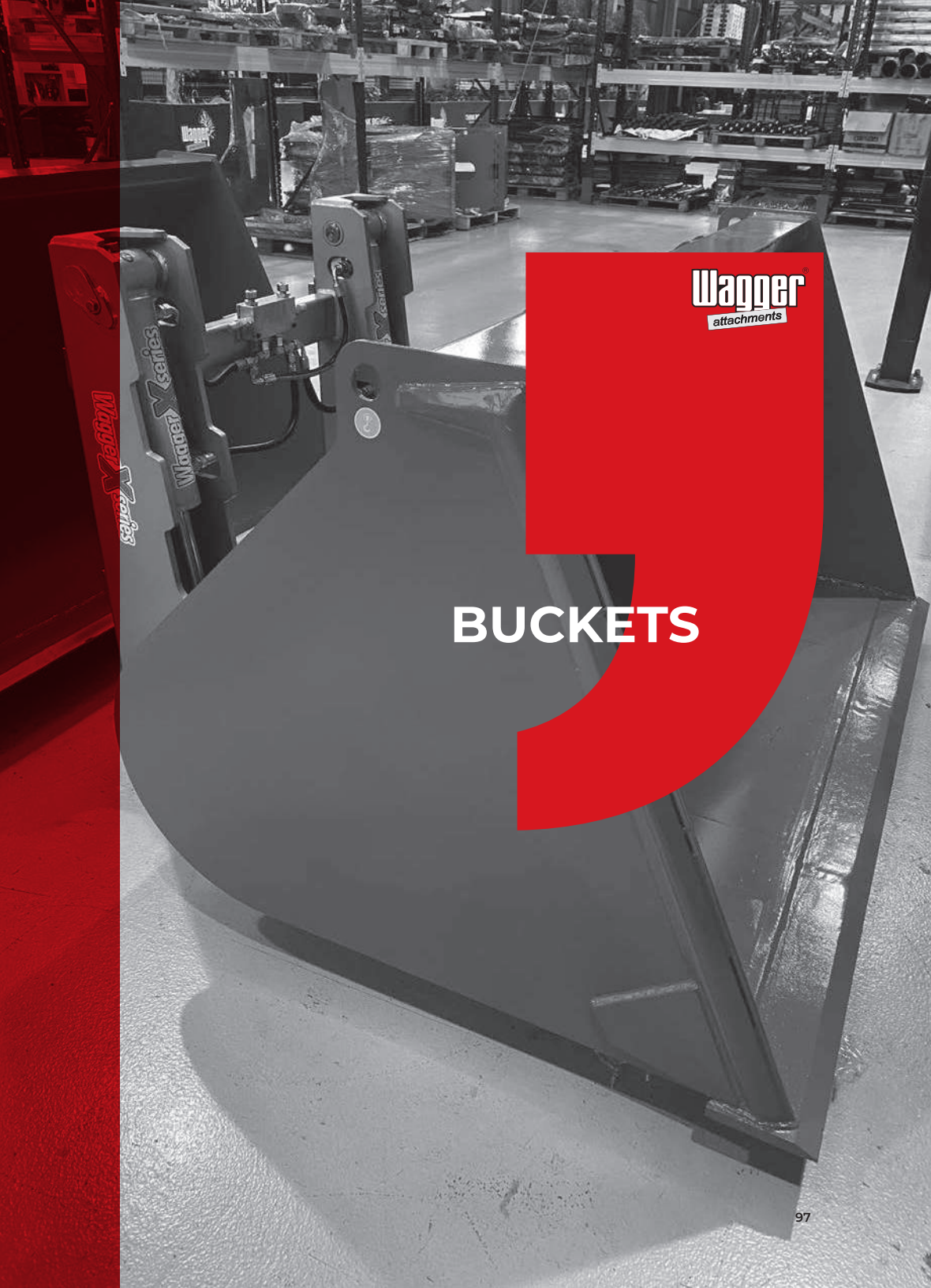
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3

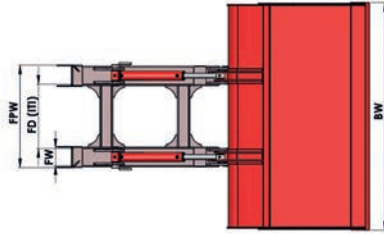
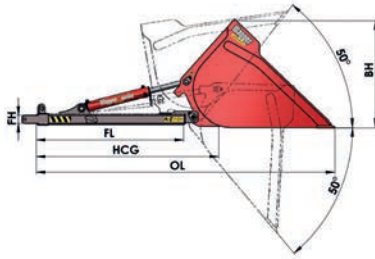
09

LMF	Hydraulic Bucket / Slip on Fork	9.1
LMB	Hydraulic Bucket / Mounted on Carriage	9.2
LBK	Big-Bag Filling Bucket	9.3



Wagner
attachments

BUCKETS



Catalog No	Struck Capacity	Heaping Capacity	Mounting Class	Loading/Unloading Angle	Bucket Width (mm)	Bucket Height (mm)	Overall Length	Fork Distance (IT)	Fork Pocket Width (mm)	Fork Pocket Dimensions (mm)	Horizontal Centre of Gravity (mm)	Weight
	m ³	m ³	ISO 2328	°	BW	BH	OL	FD	FPW	FW / FH / FL	HCG	kg
060LMF-X1000	0,5m ³	0,6m ³	Slip on Fork	50° / 50°	1000	864	2550	498	830	145 / 65 / 1200	1342	445
070LMF-X1200	0,6m ³	0,7m ³	Slip on Fork	50° / 50°	1200	880	2550	498	830	145 / 65 / 1200	1364	455
080LMF-X1300	0,7m ³	0,8m ³	Slip on Fork	50° / 50°	1300	880	2550	498	830	145 / 65 / 1200	1386	465
090LMF-X1500	0,8m ³	0,9m ³	Slip on Fork	50° / 50°	1500	900	2550	498	830	150 / 70 / 1200	1485	475
100LMF-X1700	0,9m ³	1,0m ³	Slip on Fork	50° / 50°	1700	900	2550	550	882	150 / 70 / 1200	1490	495
120LMF-X1900	1,0m ³	1,2m ³	Slip on Fork	50° / 50°	1900	950	2550	550	882	170 / 80 / 1500	1495	515
190LMF-X2200	1,5m ³	1,9m ³	Slip on Fork	50° / 50°	2200	1110	3105	550	892	180 / 80 / 1800	1547	600

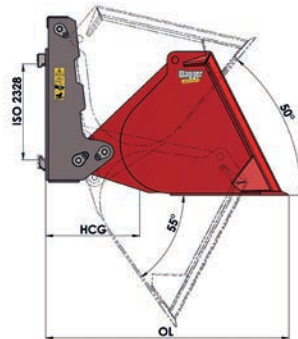
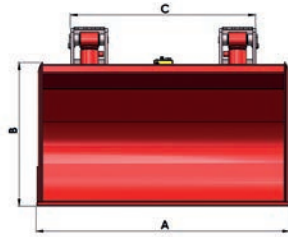


Technical Information

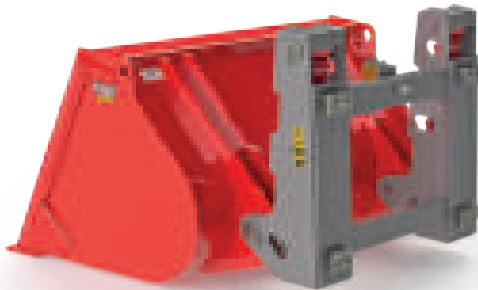
This attachment is used for loading light materials like Coal, Sand, Seed, etc.

1 Hydraulic Function

Slip-on Fork



Catalog No	Struck Capacity	Heaping Capacity	Mounting Class	Loading/Unloading Angle	Bucket Width (mm)	Bucket height (mm)	Carriage Width (mm)	Overall Length	Horizontal Centre of Gravity (mm)	Weight
	m ³	m ³	ISO 2328	°	A	B	C	OL	HCG	kg
040LMB-X1100	0,4m ³	0,5m ³	2A/3A	50° / 55°	1250	760	986	1290	460	475
050LMB-X1350	0,5m ³	0,6m ³	2A/3A	50° / 55°	1350	765	986	1295	473	480
090LMB-X1500	1,0m ³	0,9m ³	2A/3A	50° / 55°	1550	937	986	1550	601	595
100LMB-X1800	1,2m ³	1,0m ³	3A/4A	50° / 55°	1850	943	986	1554	617	620
150LMB-X2000	1,7m ³	1,5m ³	3A/4A	50° / 55°	2050	1000	986	1655	681	705
165LMB-X2200	1,85m ³	1,65m ³	3A/4A	50° / 55°	2250	1024	986	1655	693	735



Technical Information

This attachment is used for loading light materials like Coal, Sand, Seed, etc.

1 Hydraulic Function

Hook-on type



BUCKETS

Density Table of Some Products

Cement (Powder)	1,75-1,95 t/m ³
Fertilizer	1,10-1,30 t/m ³
Aluminum (Casting - Forging)	2,55-2,80 t/m ³
Brass (Cast - Rolled)	8,40-8,70 t/m ³
Lead Ore, Galena	7,30-7,60 t/m ³
Gravel	2,76 t/m ³

Tire	1,5 gr/cm ³
Pine	2,4-2,8 gr/cm ³
Coal	0,7-0,9 gr/cm ³
Paper	0,93 gr/cm ³
Soil	1,2-1,5 gr/cm ³
Limestone	1,2-1,6 gr/cm ³

Oat	0,45-0,55 t/m ³
Potato	0,65-0,75 t/m ³
Wheat	0,70-0,80 t/m ³
Sand (Wet)	1,90-2,10 t/m ³
Sand (Dry)	1,40-1,65 t/m ³
Concrete	2,10-2,20 t/m ³

The values given may vary according to different situations.

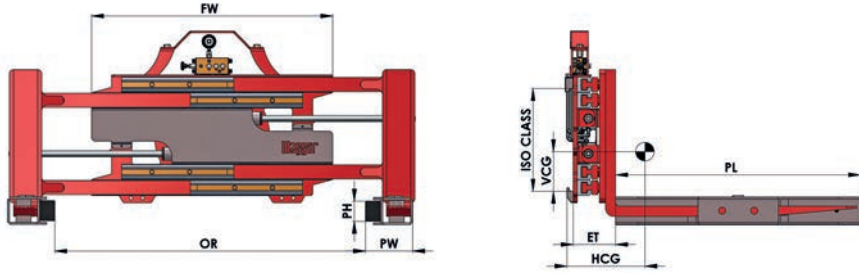
10

BFP	Brick&Block Clamp	10.1
BSP	Brick&Block Clamp	10.2
BAP	Brick&Block Clamp	10.3

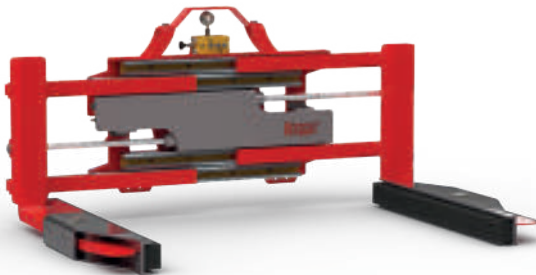


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attachments

BRICK & BLOCK CLAMPS

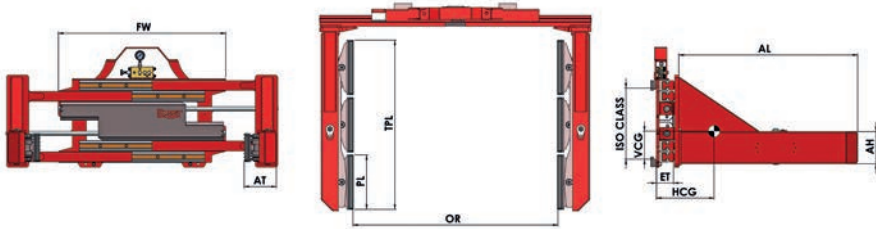


Catalog No	Capacity	Mounting Class	Carriage Width	Opening Range (mm)	Arm Dimensions (mm)	Load Backrest Dimensions (mm)	Effective Thickness (mm)	Horizontal Centre of Gravity (mm)	Weight
	kg/mm	ISO 2328	FW	OR	AW/AH/AL	(LBW / LBH)	ET	HCG	kg
016BFP-A17GF	1600/500	2A/3A	1200	400-1700	220/235/1220	1100/400	222	357	780
020BFP-A17GF	2000/500	2A/3A	1300	400-1800	220/235/1220	1200/400	225	360	800
023BFP-B17GF	2300/500	3A	1300	400-1800	220/235/1220	1200/400	230	357	820
026BFP-B17GF	2600/500	3A/4A	1300	400-1800	220/235/1220	1200/400	230	357	825
028BFP-B17GF	2800/500	3A/4A	1300	400-1800	220/235/1220	1200/400	235	262	850

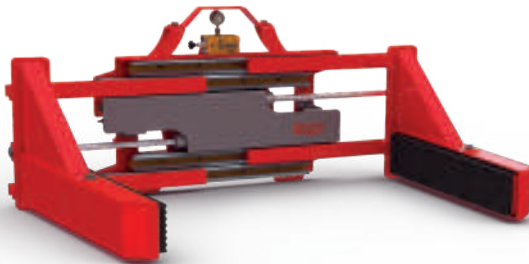


Technical Information

It is used for loading, unloading or stacking bricks & blocks
 2 hydraulic functions
 Valve-Block sideshifting is available.
 Optional Parts:
 Quick Release Hooks
 Load Backrest (300mm)
 Pressure Gauge
 Hoses & Jack Set

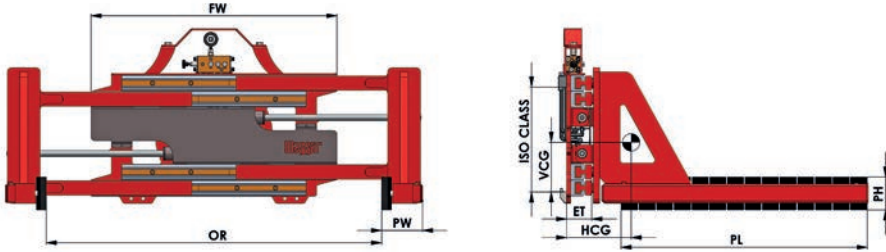


Catalog No	Capacity	Mounting Class	Carriage Width	Opening Range (mm)	Arm Dimensions (mm)	Load Backrest Dimensions (mm)	Effective Thickness (mm)	Horizontal Centre of Gravity (mm)	Weight
	kg/mm	ISO 2328	FW	OR	AW/AH/AL	(LBW / LBH)	ET	HCG	kg
016BSP-AI7GS	1600/500	2A/3A	1200	250-1750	190/160/1220	1100/400	120	410	665
020BSP-AI8GS	2000/500	2A/3A	1200	250-1750	190/160/1220	1100/400	120	413	660
023BSP-BI8GS	2300/500	3A	1200	250-1750	190/160/1220	1100/400	120	413	665
026BSP-BI8GS	2600/500	3A/4A	1200	250-1750	190/160/1220	1100/400	125	415	670
028BSP-BI8GS	2800/500	3A/4A	1200	250-1750	190/160/1220	1100/400	125	415	675

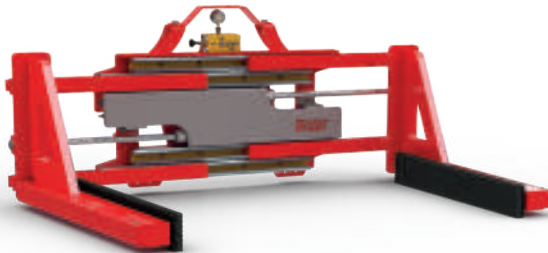


Technical Information

It is used for loading, unloading or stacking bricks & blocks
 2 hydraulic functions
 Valve-Block sideshifting is available.
 Optional Parts:
 Quick Release Hooks
 Load Backrest (300mm)
 Pressure Gauge
 Hoses & Jack Set



Catalog No	Capacity	Mounting Class	Carriage Width	Opening Range (mm)	Arm Dimensions (mm)	Load Backrest Dimensions (mm)	Effective Thickness (mm)	Horizontal Centre of Gravity (mm)	Weight
	kg/mm	ISO 2328	FW	OR	PW/PH/PL	(LBW / LBH)	ET	HCG	kg
016BAP-A17GA	1600/500	2A/3A	1200	400-1700	190/160/1220	1100/400	189	343	720
020BAP-A18GA	2000/500	2A/3A	1300	220-1750	190/160/1220	1200/400	189	347	730
023BAP-B18GA	2300/500	3A	1300	400-1800	190/160/1220	1200/400	195	350	730
026BAP-B18GA	2600/500	3A/4A	1300	400-1800	190/160/1220	1200/400	195	353	740
028BAP-B18GA	2800/500	3A/4A	1300	400-1800	190/160/1220	1200/400	200	355	745



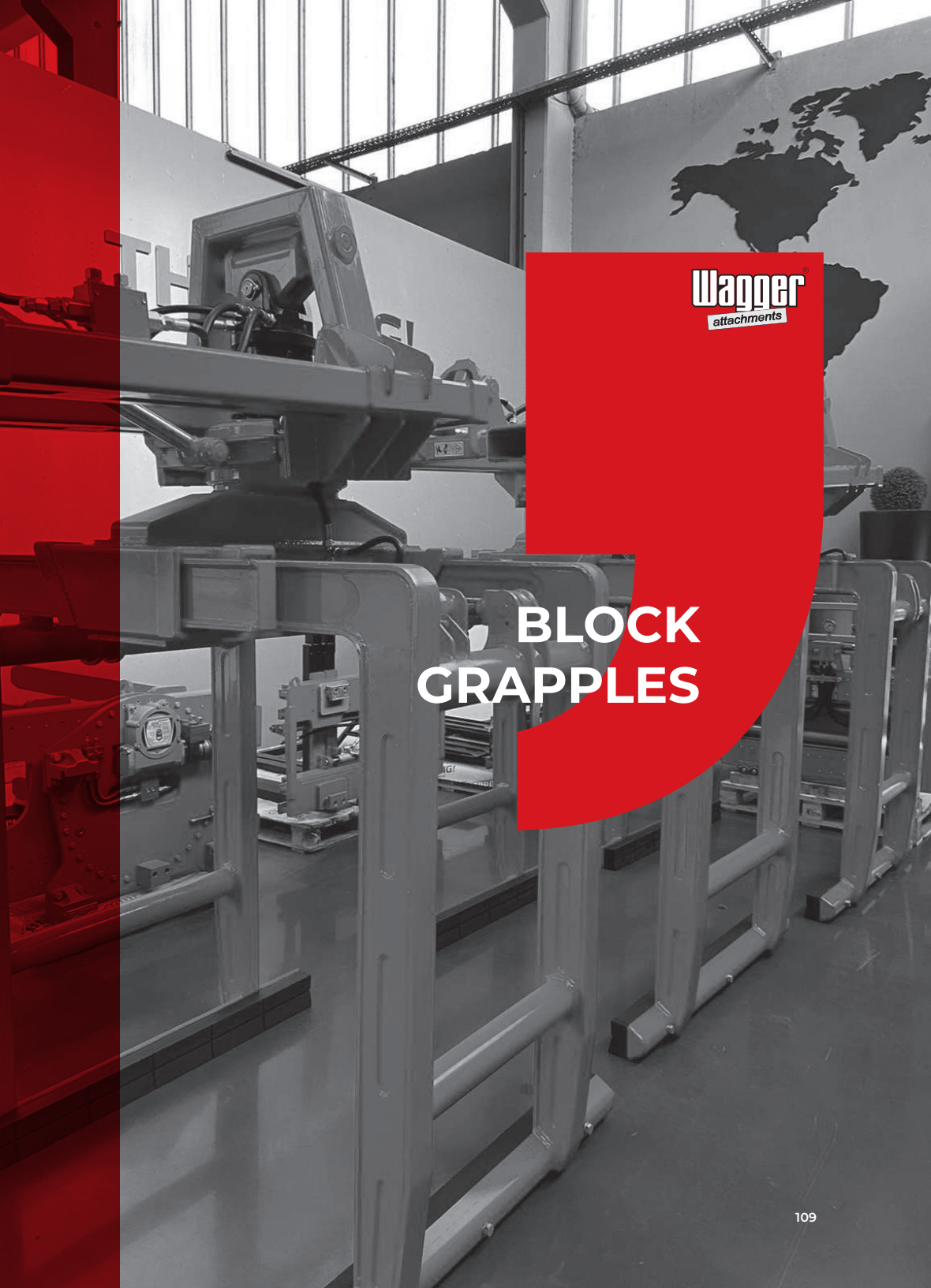
Technical Information

It is used for loading, unloading or stacking bricks & blocks
 2 hydraulic functions
 Valve-Block sideshifting is available.
 Optional Parts:
 Quick Release Hooks
 Load Backrest (300mm)
 Pressure Gauge
 Hoses & Jack Set



11

DGA	2-Sided Block Grapple	11.1
SGA	4-Sided Block Grapple	11.2
RGA	360° Rotating Block Grapple	11.3

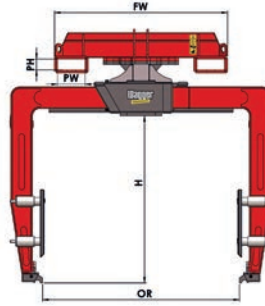
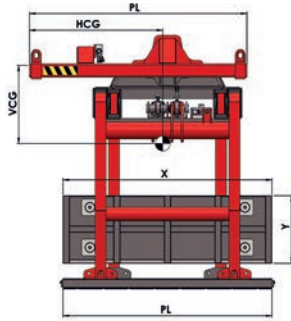


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attachments

BLOCK GRAPPLES

BLOCK GRAPPLES

2-Sided Block Grapple

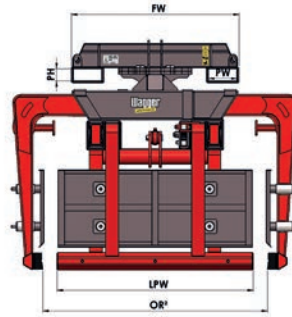
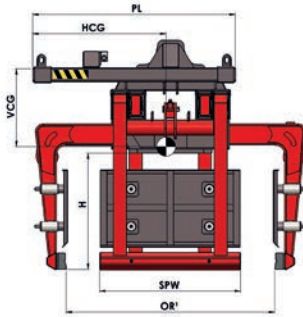


Catalog No	Capacity	Mounting Class	Carriage Width	Opening Range (mm)	Pocket Dimensions (mm)	Height	Pad Dimensions	Horizontal Centre of Gravity (mm)	Weight
	kg/mm	ISO 2328	FW	OR	PW/PH/PL	H	PL	HCG	kg
01SDGA-X0800	1500/500	SLIP ON FORK	1040	700-1400	160/60/1300	720	1300	797	750
018DGA-X1000	1800/500	SLIP ON FORK	1040	700-1400	160/60/1300	880	1300	799	800
021DGA-X1200	2100/500	SLIP ON FORK	1040	700-1400	160/60/1300	1040	1300	800	850



Technical Information

It is used for loading, unloading or stacking bricks & blocks
 1 hydraulic function
 Slip-On Forks
 Optional Parts:
 Hoses & Jack Set



Catalog No	Capacity	Mounting Class	Carriage Width	Opening Range¹ (mm)	Opening Range² (mm)	Pocket Dimensions (mm)	Height	Pad Dimensions	Horizontal Centre of Gravity (mm)	Weight
	kg/mm	ISO 2328	FW	OR¹	OR²	PW/PH/PL	H	(SPW/LPW)	HCG	kg
0155GA-X0800	1500/500	SLIP ON FORK	1040	910-1200	1000-1400	160/60/1300	720	880/1200	823	1150
0185GA-X1000	1800/500	SLIP ON FORK	1040	910-1200	1000-1400	160/60/1300	880	880/1200	825	1200
0215GA-X1200	2100/500	SLIP ON FORK	1040	910-1200	1000-1400	160/60/1300	1040	880/1200	827	1250



Technical Information

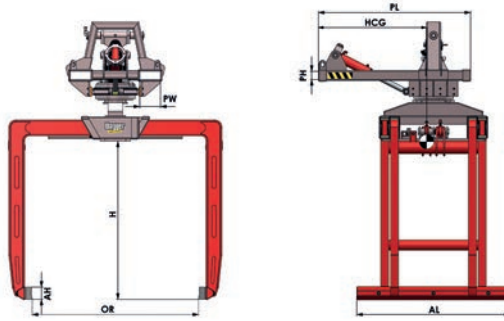
It is used for loading, unloading or stacking bricks & blocks
 1 hydraulic function
 Slip-On Forks
 Optional Parts:
 Hoses & Jack Set



Wagger
attachments

BLOCK GRAPPLES

360° Rotating Block Grapple



Catalog No	Capacity	Mounting Class	Opening Range ¹ (mm)	Pocket Dimensions (mm)	Height	Pad Dimensions	Horizontal Centre of Gravity (mm)	Weight
	kg/tmm	ISO 2328	OR ¹	PW/PH/PL	H	AH/AL	HCG	kg
015RGA-X0800	1500/500	SLIP ON FORK	700-1400	170/70/1250	1300	100/1260	880	810
018RGA-X1000	1800/500	SLIP ON FORK	700-1400	170/70/1250	1400	100/1260	875	850
021RGA-X1200	2100/500	SLIP ON FORK	700-1400	170/70/1250	1600	100/1260	870	890

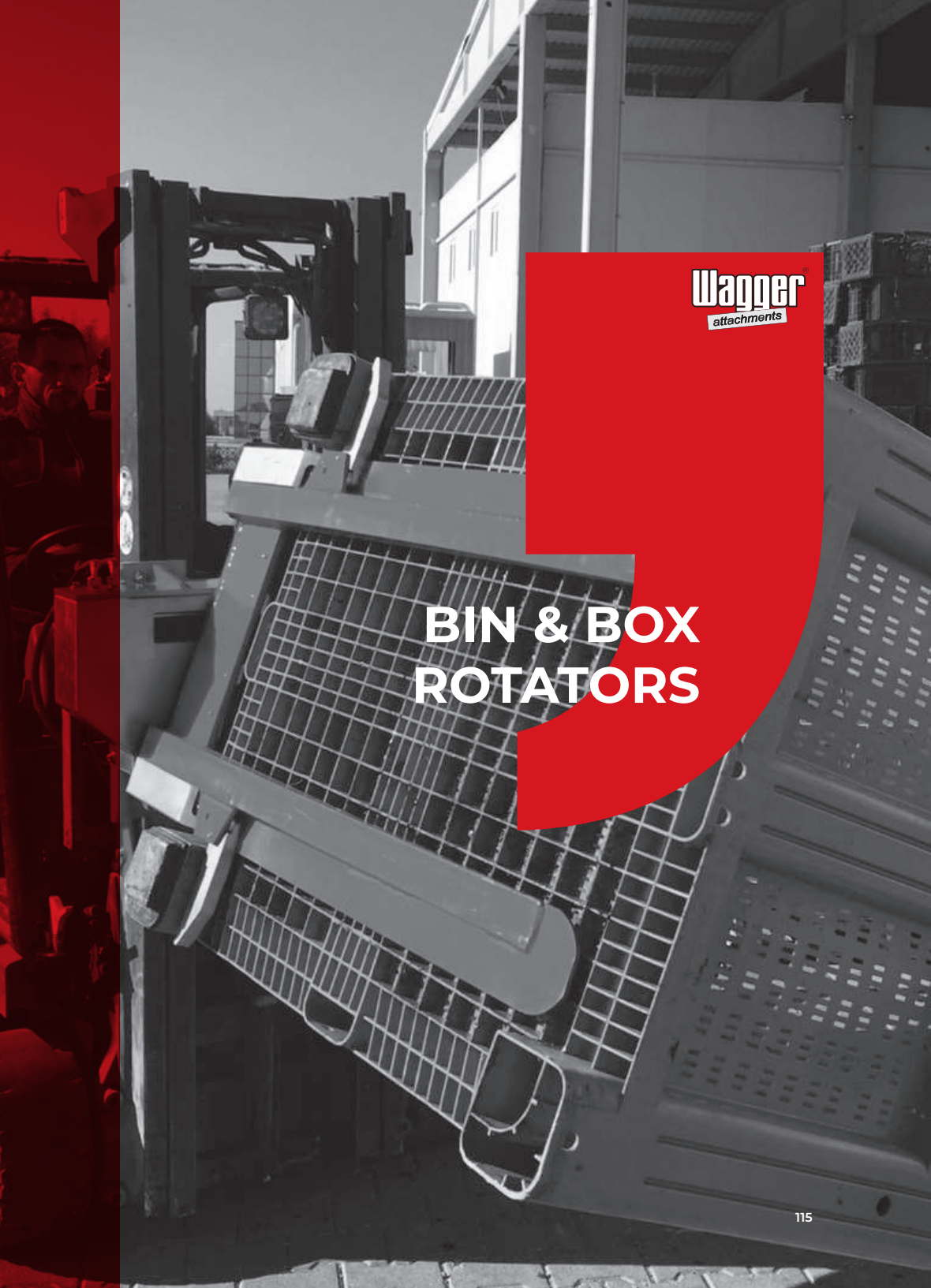


Technical Information

It is used for loading, unloading or stacking bricks & blocks
 1 hydraulic function
 Slip-On Forks
 Optional Parts:
 Hoses & Jack Set

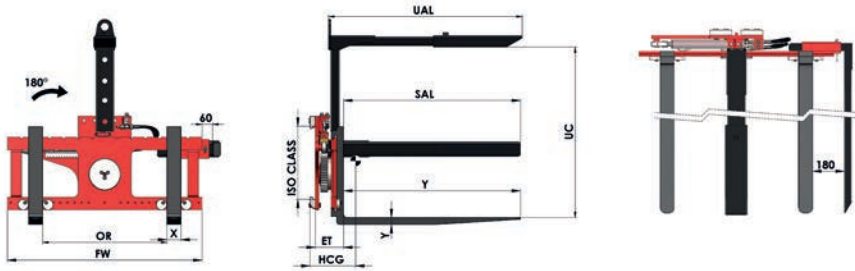
12

RBD	180° Rotator	12.1
RBT	180° Forward Box Tipper	12.2
RBY	180° Box Rotator	12.3
RBF	180° Box Rotator	12.4
RBR	180° Box Rotator	12.5
RBA	360° Box Rotator	12.6



Wagger
attachments

BIN & BOX ROTATORS

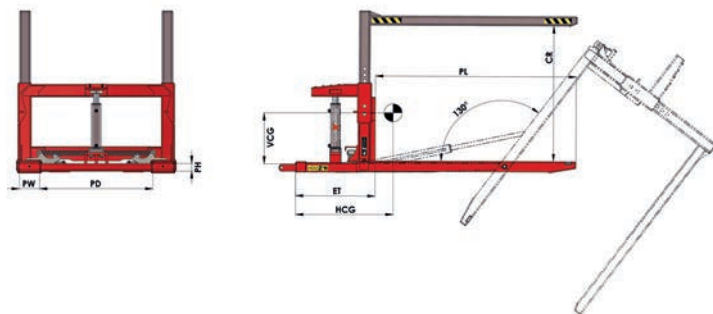


Catalog No	Capacity	Mounting Class	Carriage Width	Opening Range (mm)	Fork Dimensions (mm)	Fork Distance Between	Effective Thickness (mm)	Horizontal Centre of Gravity (mm)	Weight
	kg/mm	ISO 2328	FW	UC	FW / FT / FL	SAL/UAL	ET	HCG	kg
004RBD-A1100	400	2A	1100	700-1100	80x40x1000	1100/1000	160	258	145
007RBD-B1200	700	2A/3A	1100	700-1100	120x45x1200	1100/1000	165	250	150



Technical Information

It is used for rotating, loading plastic, metal or wooden boxes
 1 hydraulic function
 Hook-on type
 Side & Upper Arm standard
 Hoses & Jack Set

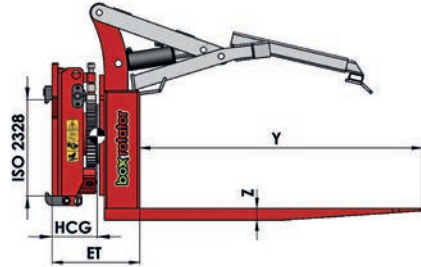
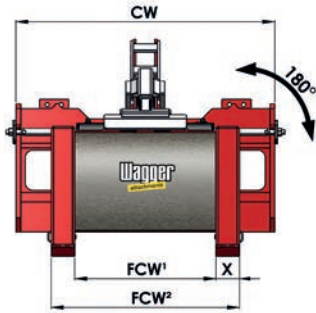


Catalog No	Capacity	Mounting Class	Fork Pocket Distance (mm)	Opening Range (mm)	Fork Dimensions (mm)	Fork Distance Between	Flap Length (mm)	Effective Thickness (mm)	Horizontal Centre of Gravity (mm)	Weight
	kg/mm	ISO 2328	PD	OR	FW / FT / FL	(ITI / OTO)	NL	ET	HCG	kg
007RBT-A40	700/500	2A/3A	950	390-765	130/50/1100	405/665	170	373	260	360



Technical Information

It is used for rotating, loading plastic, metal or wooden boxes
 1 hydraulic function
 Hook-on type
 Hoses & Jack Set

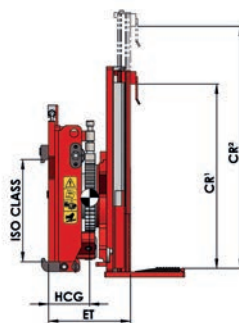
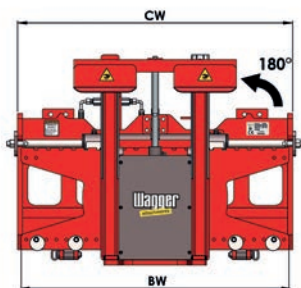


Catalog No	Capacity	Mounting Class	Carriage Width	Fork Dimensions (mm)	Fork Distance Between (ITI / OTO)	Effective Thickness (mm)	Horizontal Centre of Gravity (mm)	Weight
	kg/mm	ISO 2328	CW	FW / FT / FL	(ITI / OTO)	ET	HCG	kg
016RBY-A1100	1600@500	2A/3A	1100	100/40/1100	930/1130	276	248	280



Technical Information

It is used for rotating, loading plastic, metal or wooden boxes
 1 hydraulic function
 Hook-on type
 Upper Arm standard
 Hoses & Jack Set

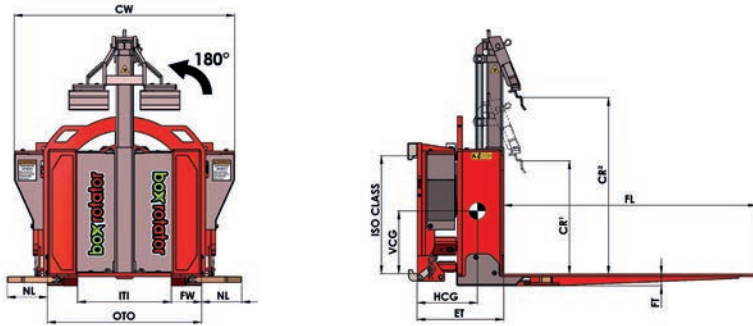


Catalog No	Capacity on Fork	Capacity in Rotating	Mounting Class	Carriage Width	Opening Range (mm)	Fork Dimensions (mm)	Effective Thickness (mm)	Horizontal Centre of Gravity (mm)	Weight
	kg/mm	kg/mm	ISO 2328	CW	OR	FW / FT / FL	ET	HCG	kg
016RBF-A1100	1600/500	800/500	2A/3A	1100	400-740	130/50/1100	373	260	360
020RBF-B1200	2000/500	1000/500	2A/3A	1200	400-740	130/50/1100	373	260	360



Technical Information

It is used for rotating, loading plastic, metal or wooden boxes
 1 hydraulic function
 Hook-on type
 Side arm is optional
 Hoses & Jack Set

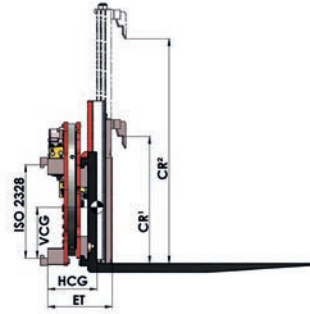
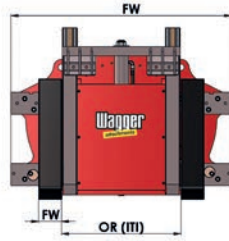


Catalog No	Capacity	Mounting Class	Carriage Width	Opening Range (mm)	Fork Dimensions (mm)	Fork Distance Between	Flap Length (mm)	Effective Thickness (mm)	Horizontal Centre of Gravity (mm)	Weight
	kg/mm	ISO 2328	CW	OR	FW / FT / FL	(ITI / OTO)	NL	ET	HCG	kg
016RBX-R-A40	1600/500	2A/3A	950	390-765	130/50/1100	405/665	170	373	260	360



Technical Information

It is used for rotating, loading plastic, metal or wooden boxes
 1 hydraulic function
 Hook-on type
 Flapped Locking System
 Hoses & Jack Set



Catalog No	Capacity	Mounting Class	Carriage Width	Clamping Range (mm)	Fork Distance Between (ITI / OTO)	Effective Thickness (mm)	Horizontal Centre of Gravity (mm)	Weight
	kg/mm	ISO 2328	FW	CR¹-CR²	(ITI / OTO)	ET	HCG	kg
022RBA-A4277	2200@500	2A	1100	420-770		250	184	368
022RBA-A6297	2200@500	2A	1100	620-970		250	184	368
030RBA-B4277	3000@500	3A	1200	420-770		260	205	375
030RBA-B6297	3000@500	3A	1200	620-970		260	205	375



Technical Information

It is used for rotating, loading plastic, metal or wooden boxes
 1 hydraulic function
 Hook-on type
 Side & Upper Arm standard
 Hoses & Jack Set

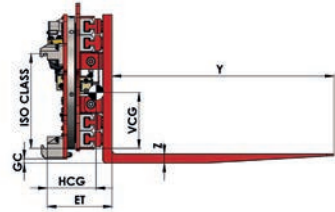
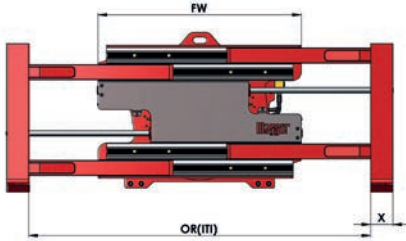
13

CPT	360° Rotating Fork Clamp	13.1
CPR	360° Rotating Pallet Inverter	13.2
CPC	360° Rotating Pallet Inverter	13.3
CPH	360° Rotating Pallet Inverter	13.4
CAR	360° Rotating Bale Clamp	13.5
CFR	360° Rotating Turnable Fork Clamp	13.6
DAV	360° Rotating Drum Clamp	13.7
DAX	360° Rotating Double Drum Clamp	13.8
FMA	360° Rotating Forging Manipulator	13.9
FMB	360° Rotating Forging Manipulator	13.10
FMC	360° Rotating Forging Manipulator	13.11
SWC	Steel Wire Clamp	13.12
DAT	360° Rotating Plastic Drum Clamp	13.13
BBH	360° Rotating Bulk Box Handler	13.14
TYR	360° Rotating Tyre Clamp	13.15
RBE	360° Extended Rotator	13.16
RBK	360° Rotating Slag Shovel	13.17

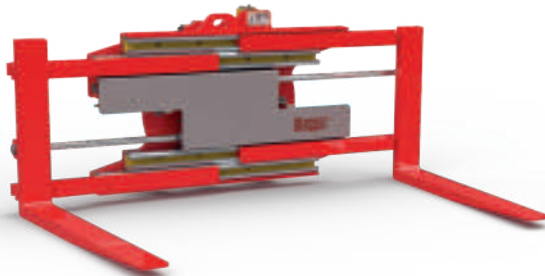


Waggoner
attachments

360° ROTATING ATTACHMENTS



Catalog No	Capacity	Mounting Class	Carriage Width	Opening Range (mm)	Fork Dimensions (mm)	Effective Thickness (mm)	Horizontal Centre of Gravity (mm)	Weight
	kg/mm	ISO 2328	FW	OR	FW / FT / FL	ET	HCG	kg
020CPT-A02GJ	2000/500	2A	1100	350-1650	100 / 40 / 1200	343	279	625
020CPT-A03GJ	2000/500	2A	1200	500-1850	100 / 40 / 1200	343	281	635
023CPT-B04GJ	2300/500	3A	1100	350-1850	120 / 50 / 1200	351	283	685
023CPT-B06GJ	2300/500	3A	1200	500-1850	120 / 50 / 1200	351	285	695
028CPT-B07GJ	2800/600	3A/4A	1300	500-2050	120 / 50 / 1200	360	265	760
028CPT-B08GJ	2800/600	3A/4A	1400	500-2150	120 / 50 / 1200	360	265	785



Technical Information

It is used for adjusting forks expanding or closing according to different pallet sizes.

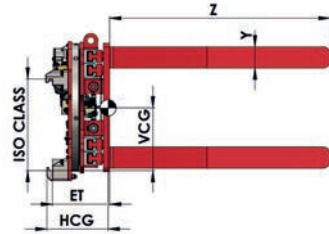
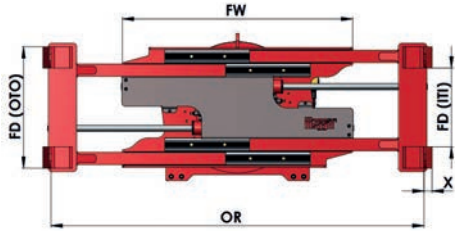
Attachment rotates hydraulically by 360° endless in both directions.

2 hydraulic functions

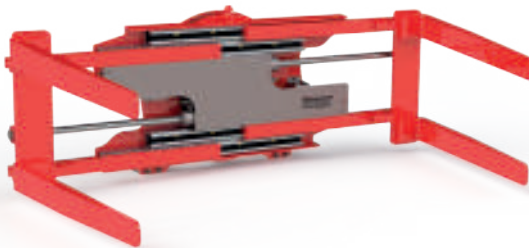
Forks are including

Non-Sideshifting

Hoses & Jack Set

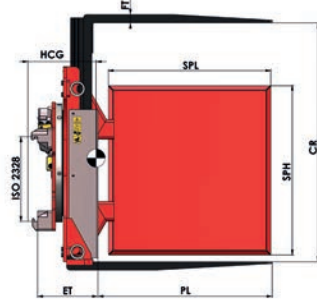
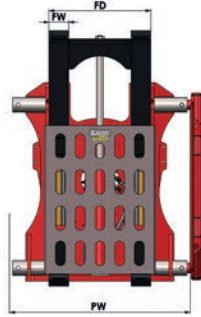


Catalog No	Capacity	Mounting Class	Carriage Width	Opening Range (mm)	Fork Dimensions (mm)	Effective Thickness (mm)	Horizontal Centre of Gravity (mm)	Weight
	kg/mm	ISO 2328	FW	OR	FW / FT / FL	ET	HCG	kg
020CPR-A02GR	2000/500	2A	1100	450-1700	100 / 40 / 1200	343	279	625
020CPR-A03GR	2000/500	2A	1200	550-1900	100 / 40 / 1200	343	281	635
023CPR-B04GR	2300/500	3A	1100	450-1700	120 / 50 / 1200	353	283	685
023CPR-B06GR	2300/500	3A	1200	550-1900	120 / 50 / 1200	353	285	695
028CPR-B07GR	2800/600	3A/4A	1300	550-2000	120 / 50 / 1200	363	265	760
028CPR-B08GR	2800/600	3A/4A	1400	550-2100	120 / 50 / 1200	363	265	785



Technical Information

It is used for loading, and inverting load pallets.
Attachment rotates hydraulically by 360° endless in both directions.
2 hydraulic functions
Forks are including
Non-Sideshifting
Hoses & Jack Set

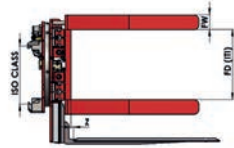
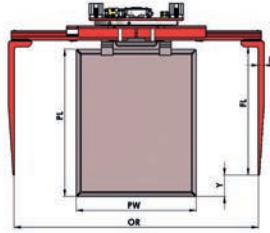
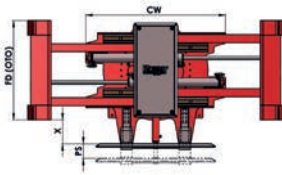


Catalog No	Capacity	Mounting Class	Carriage Width	Pallet Length	Opening Range (mm)	Side Pannel Dimensions (mm)	Effective Thickness (mm)	Horizontal Centre of Gravity (mm)	Weight
	kg/mm	ISO 2328	FW	PL	CR ¹ -CR ²	SPH/SPL	ET	HCG	Kg
026CPC-B28GH	2300@500	3A/4A	1100	1100	950-1452	1000/990	349	387	980

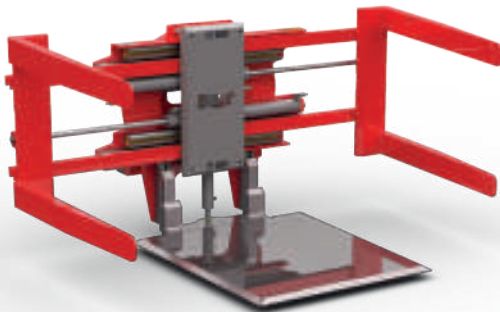


Technical Information

It is used for loading, and inverting load pallets.
Attachment rotates hydraulically by 360° endless in both directions.
2 hydraulic functions
Non-Sideshifting
Optional Parts;
Quick Release Hooks
Pressure Gauge
Hoses & Jack Set



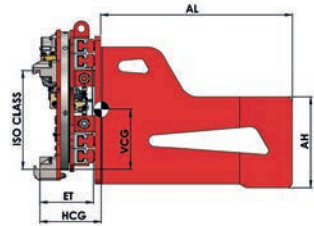
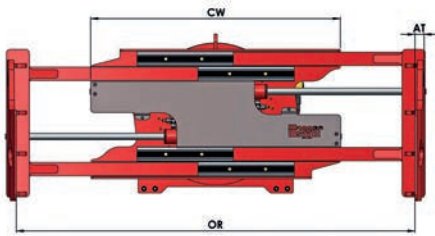
Catalog No	Capacity	Mounting Class	Carriage Width	Opening Range (mm)	Side Pannel Stroke	Pannel Dimensions	Distances	Fork Dimensions	Effective Thickness (mm)	Horizontal Centre of Gravity (mm)	Weight
	kg/mm	ISO 2328	CW	OR ¹	PS	PL/PW	X/Y/Z	FW/FT/FL	ET	HCG	kg
023CPH-B38CJ	2300/500	3A	1200	740-2100	125	1260/1030	205/183/22	125/50/1100	340	280	900



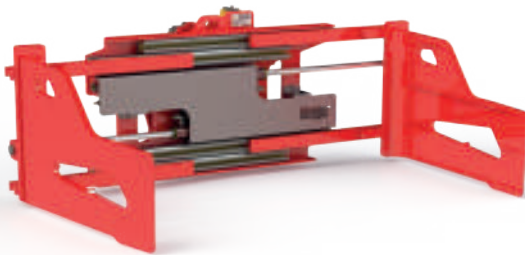
Technical Information

It is used for loading, and inverting load pallets.
Attachment rotates hydraulically by 360° endless in both directions.

Hydraulic Side Pannel
2 hydraulic functions
Non-Sideshifting
Optional Parts;
Quick Release Hooks
Pressure Gauge
Hoses & Jack Set

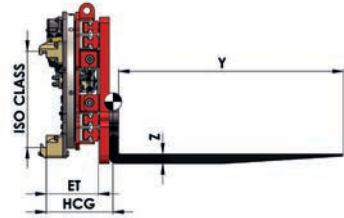
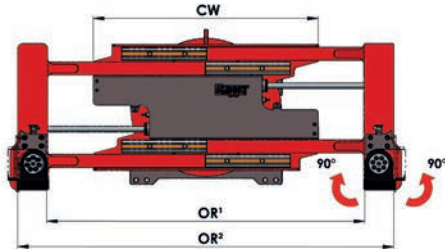


Catalog No	Capacity	Mounting Class	Carriage Width (mm)	Opening Range (mm)	Arm Dimensions (mm)	Effective Thickness (mm)	Horizontal Centre of Gravity (mm)	Weight
	kg/mm	ISO 2328	CW	OR	AL / AH / L / AT	ET	HCG	kg
016CAR-A28GJ	1600/500	2A	1100	450-1550	1000/350/530/30	180	348	850
016CAR-A28GH	1600/500	2A	1200	500-1700	1000/350/530/30	180	348	880
020CAR-B38GJ	2000/500	2A	1100	450-1550	1000/350/530/30	180	348	900
020CAR-B38GH	2000/500	2A	1200	500-1700	1000/350/530/30	180	348	910
023CAR-B48GJ	2300/500	3A	1100	450-1550	1000/450/530/30	189	350	915
023CAR-B48GH	2300/500	3A	1200	500-1700	1000/450/530/30	189	350	920
028CAR-B58GK	2800/600	3A/4A	1300	550-2100	1000/450/530/30	189	356	925
028CAR-B58GT	2800/600	3A/4A	1550	550-2250	1000/450/530/30	189	356	950

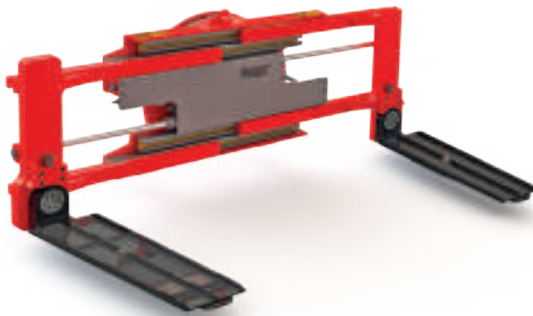


Technical Information

It is used for loading, unloading or stacking cotton and wool bales.
Attachment rotates hydraulically by 360° endless in both directions.
2 hydraulic functions
Non-Sideshifting
Optional Parts;
Quick Release Hooks
Load Backrest (300mm)
Pressure Gauge
Per 100mm Arm extension
Hoses & Jack Set



Catalog No	Capacity	Mounting Class	Carriage Width	Opening Range (mm)	Opening Range (mm)	Fork Dimensions (mm)	Effective Thickness (mm)	Horizontal Centre of Gravity (mm)	Weight
	kg/mm	ISO 2328	CW	OR¹	OR²	X / Y / Z	ET	HCG	kg
020CFR-B38GJ	2000/500	2A	1100	350-1650	600-1880	100 / 40 / 1200	180	348	900
020CFR-B38GH	2000/500	2A	1200	500-1850	600-2080	100 / 40 / 1200	180	348	910
023CFR-B48GJ	2300/500	3A	1100	350-1850	600-1768	120 / 50 / 1200	189	350	915
023CFR-B48GH	2300/500	3A	1200	500-1850	600-1780	120 / 50 / 1200	189	350	920
028CFR-B58GK	2800/600	3A/4A	1300	500-2050	600-1780	120 / 50 / 1200	189	356	925
028CFR-B58GT	2800/600	3A/4A	1400	500-2150	600-1780	120 / 50 / 1200	189	356	950



Technical Information

It is used for loading, unloading, and stacking cotton and wool bales. Also you can use it as a fork clamp.

Attachment rotates hydraulically by 360° endless in both directions.

Bale Clamp pads are included.

2 hydraulic functions

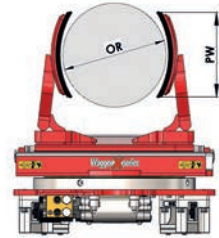
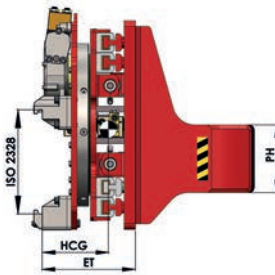
Non-Sideshifting

Optional Parts;

Quick Release Hooks

Pressure Gauge

Hoses & Jack Set

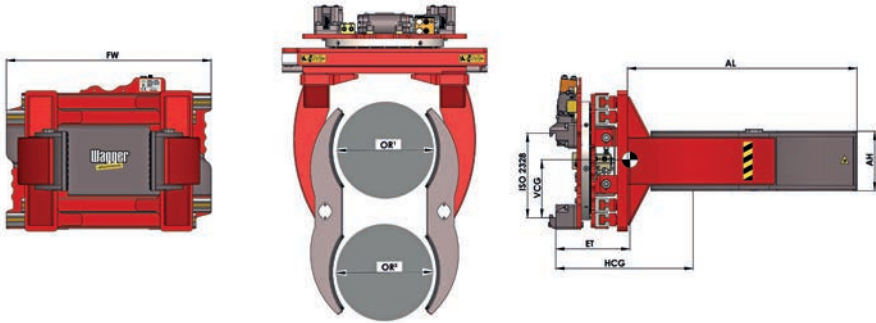


Catalog No	Capacity	Mounting Class	Carriage Width (mm)	Opening Range (mm)	Arm Dimensions	Effective Thickness (mm)	Horizontal Centre of Gravity (mm)	Weight
	kg/mm	ISO 2328	CW	OR ¹	PW/PH	ET	HCG	kg
007DAV-AI200	700/500	2A	950	350-1100	300 / 270	343	280	500



Technical Information

It is used for loading, unloading or stacking metal or plastic drums
 Attachment rotates hydraulically by 360° endless in both directions.
 2 hydraulic functions
 Non-Sideshifting
 Optional Parts;
 Quick Release Hooks
 Pressure Gauge
 Hoses & Jack Set



Catalog No	Capacity	Mounting Class	Carriage Width (mm)	Opening Range (mm)	Arm Dimensions	Effective Thickness (mm)	Horizontal Centre of Gravity (mm)	Weight
	kg/mm	ISO 2328	FW	OR ¹	AH/AL	ET	HCG	kg
014DAX-A1000	1400@600	2A/3A	1000	400-1100	290/1120	440	362	550



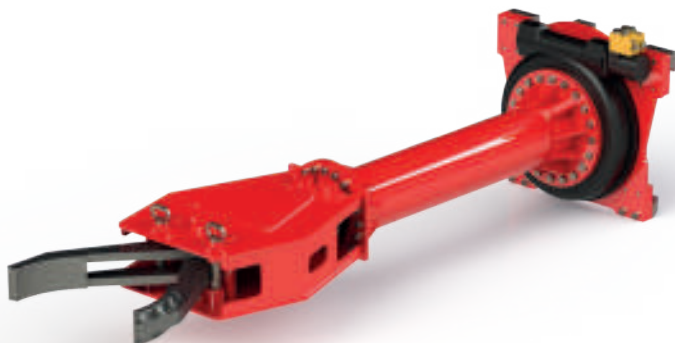
Technical Information

It is used for loading, unloading or stacking metal or plastic drums
Attachment rotates hydraulically by 360° endless in both directions.
2 hydraulic functions
Non-Sideshifting
Optional Parts;
Quick Release Hooks
Pressure Gauge
Hoses & Jack Set

FMA

360° ROTATING ATTACHMENTS

360° Rotating Forging Manipulator



FMB

360° ROTATING ATTACHMENTS

360° Rotating Forging Manipulator



FMC

360° ROTATING ATTACHMENTS

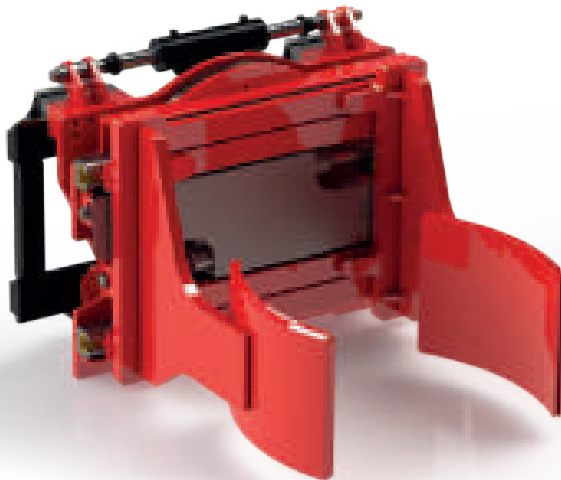
360° Rotating Forging Manipulator



SWC

360° ROTATING ATTACHMENTS

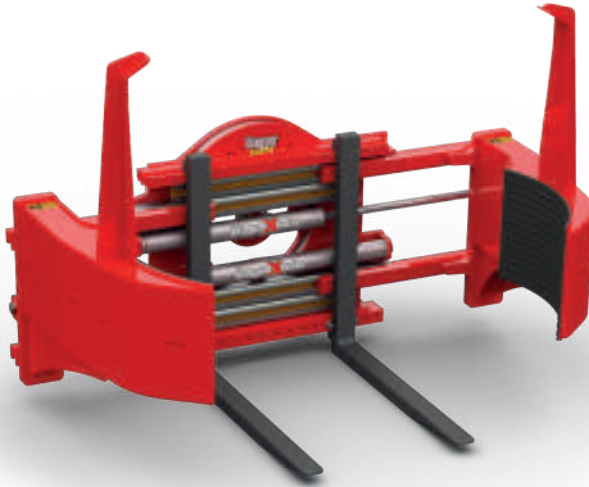
Steel Wire Clamp



DAT

360° ROTATING ATTACHMENTS

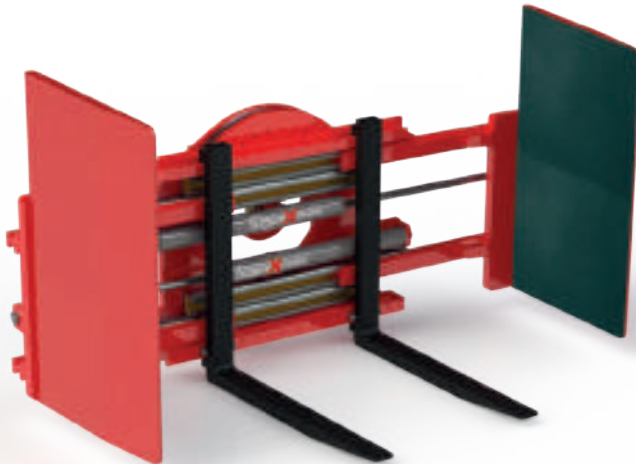
360° Rotating Plastic Drum Clamp



BBH

360° ROTATING ATTACHMENTS

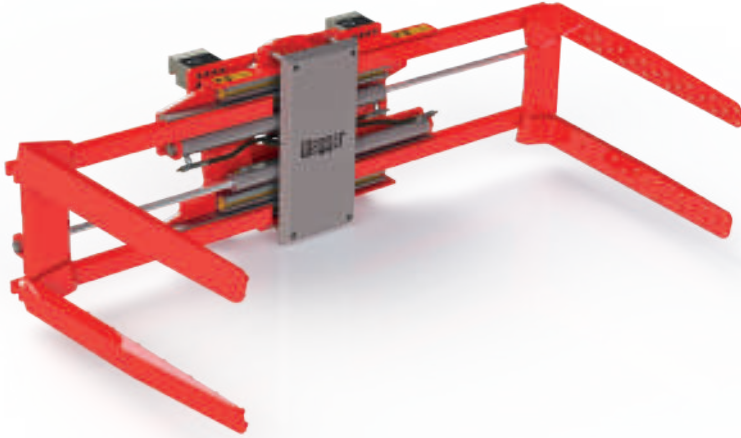
360° Rotating Bulk Box Handler



TYR

360° ROTATING ATTACHMENTS

360° Rotating Tyre Clamp

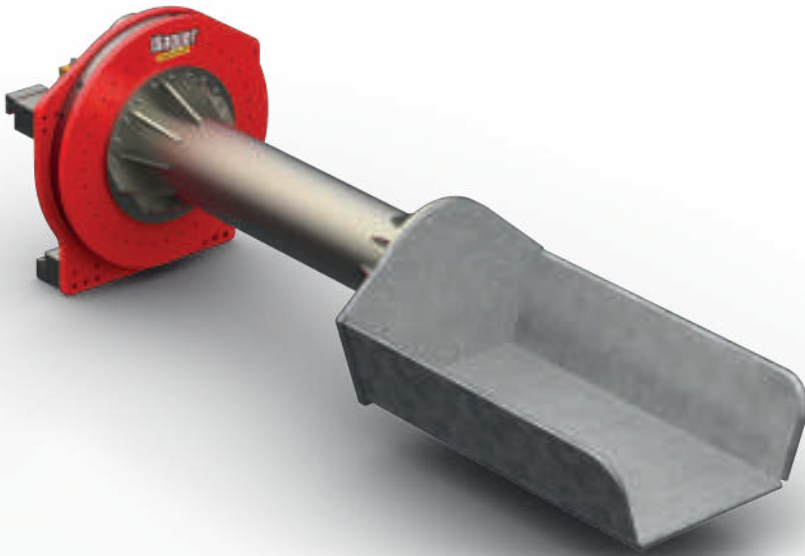


RBE

360° ROTATING ATTACHMENTS

360° Extended Rotator







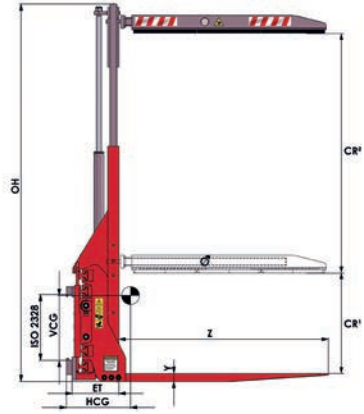
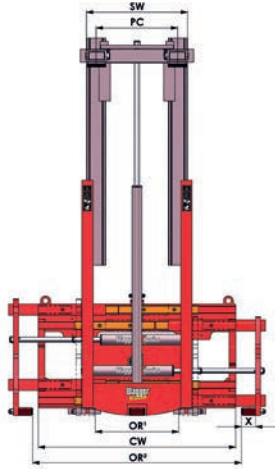
14

BKC	Keg Clamp	14.1
PHL	Pipe Stabilizer	14.2
PHD	Pipe Stabilizer with Fork Positioner	14.3
PHC	Pipe Stabilizer	14.4
DPC	Casting Crucible Handler	14.5
DCL	Forward Drum Tipper	14.6
BBC	Big-Bag Crusher	14.7
BLK	Marble Bundle Grab	14.8
FMB	Forklift Mast	14.9
SWR	Sweeper Collector	14.10
SWP	Hydraulic Brush	14.11
SWF	Sweeper Brush	14.12
PLY	Smart Layer Picker	14.13
HBA	Hinged Bucket	14.14
HFA	Hinged Fork	14.15
CHB	Hay Bale Spikes	14.16
SPC	Stationary Pallet Pusher	14.17
SPI	Stationary Pallet Inverter	14.18
TRL	Trilateral Head Unit	14.19
BBF	Bulk Box Handler / Hyd. Cylinder	14.20
CSB	Silage Bale Clamp	14.21
GRP	Recycling Bale Grab	14.22
GRT	Log Grab	14.23



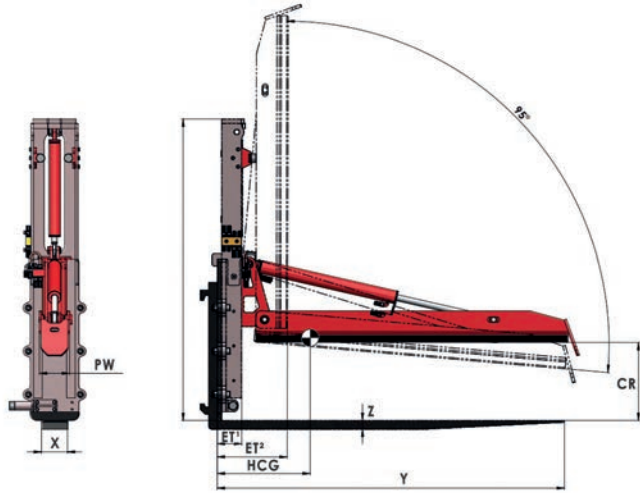
Wagner
attachments

SPECIALIZED ATTACHMENTS



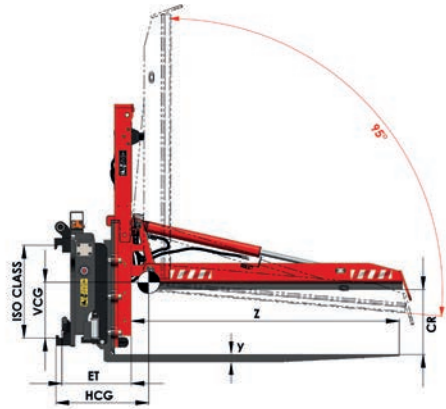
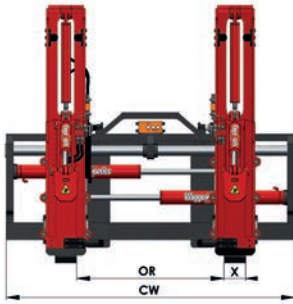
Catalog No	Capacity	Mounting Class	Carriage Width	Opening Range (mm)	Clamping Range (mm)	Fork Sizes (mm)	Total Height (mm)	Fork Sizes (mm)	Effective Thickness (mm)	Horizontal Centre of Gravity (mm)	Weight
	kg/mm	ISO 2328	CW	OR¹-OR²	CR¹-CR²	SW/PC	OH	X/Y/Z	ET	HCG	kg
016BKC-B08GD	1680@635	3A	1220	515-1290	300-1800	625/500	2330	50/80/1220	290	396	780





Catalog No	Capacity	Mounting Class	Height	Width	Fork Length	Angle	Opening Range (mm)	Effective Thickness (mm)	Effective Thickness (mm)	Horizontal Centre of Gravity (mm)	Weight
	kg/mm	ISO 2328	mm	mm	mm	°	OR¹	ET¹	ET²	HCG	kg
050PHL-C2000	5000	Welded on Fork	1800	280	2000	95	0-450	140	400	385	550
080PHL-C2000	8000	Welded on Fork	1800	300	2000	95	50-600	140	400	385	650
100PHL-D2400	10000	Welded on Fork	2000	320	2400	95	100-900	140	420	397	850
160PHL-D2400	16000	Welded on Fork	2200	320	3000	95	100-900	140	480	405	950





Catalog No	Capacity	Mounting Class	Carriage Width	Opening Range (mm)	Opening Range (mm)	Fork Sizes (mm)	Effective Thickness (mm)	Horizontal Centre of Gravity (mm)	Weight
	kg/mm	ISO 2328	CW	OR ¹	OR ²	X/Y/Z	ET	HCG	kg
050PHC-C2000	5000	Welded on Fork	2000	370-1530	0-450	150/50/2000	480	639	1800
080PHC-C2400	8000	Welded on Fork	2400	370-1530	0-450	150/50/2000	490	626	1880



1



2

PHC

SPECIALIZED ATTACHMENTS

Pipe Stabilizer



DPC

SPECIALIZED ATTACHMENTS

Casting Crucible Handler



DCL

SPECIALIZED ATTACHMENTS

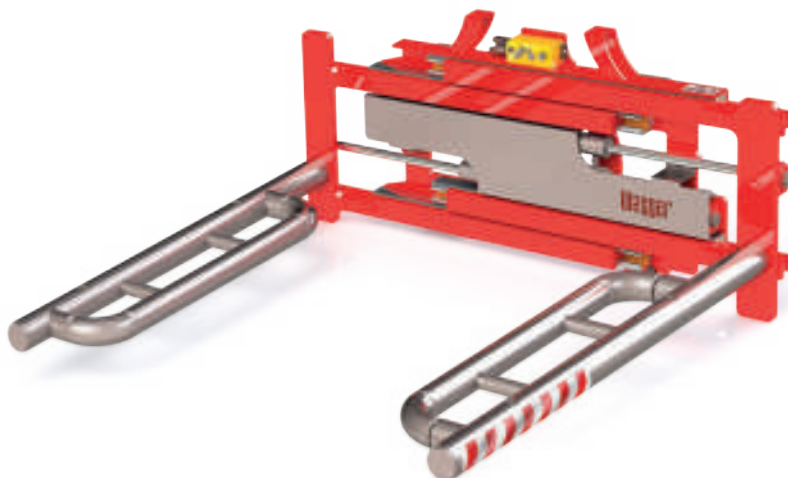
Forward Drum Tipper



BBC

SPECIALIZED ATTACHMENTS

Big-Bag Crusher



BLK

SPECIALIZED ATTACHMENTS

Marble Bundle Grab



FMB

SPECIALIZED ATTACHMENTS

Forklift Mast



SWR

SPECIALIZED ATTACHMENTS

Sweeper Collector



SWP

SPECIALIZED ATTACHMENTS

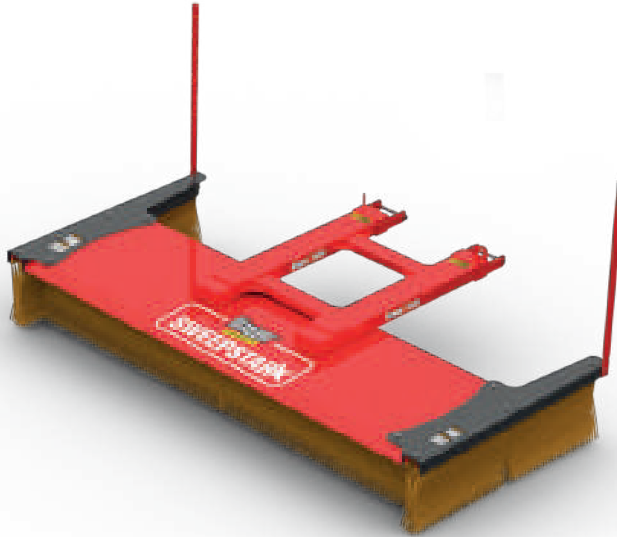
Hydraulic Brush



SWF

SPECIALIZED ATTACHMENTS

Sweeper Brush



PLY

SPECIALIZED ATTACHMENTS

Smart Layer Picker



HBA

SPECIALIZED ATTACHMENTS

Hinged Bucket



HFA

SPECIALIZED ATTACHMENTS

Hinged Fork





SPI

SPECIALIZED ATTACHMENTS

Stationary Pallet Inverter



TRL

SPECIALIZED ATTACHMENTS

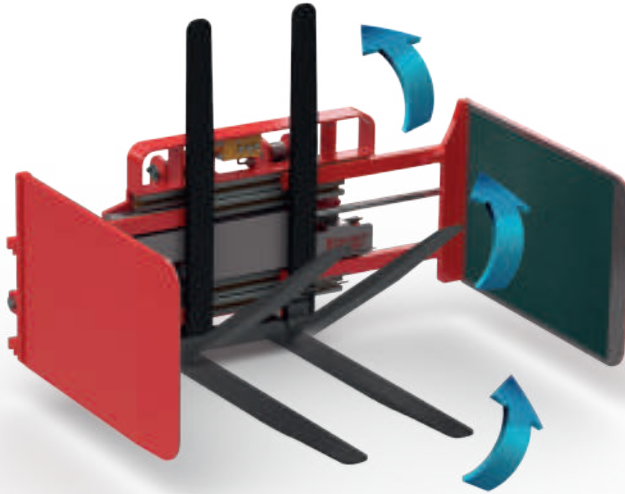
Trilateral Head Unit



BBF

SPECIALIZED ATTACHMENTS

Bulk Box Handler / Hyd. Cylinder



CSB

SPECIALIZED ATTACHMENTS

Silage Bale Clamp



GRP

SPECIALIZED ATTACHMENTS

Recycling Bale Grab



GRT

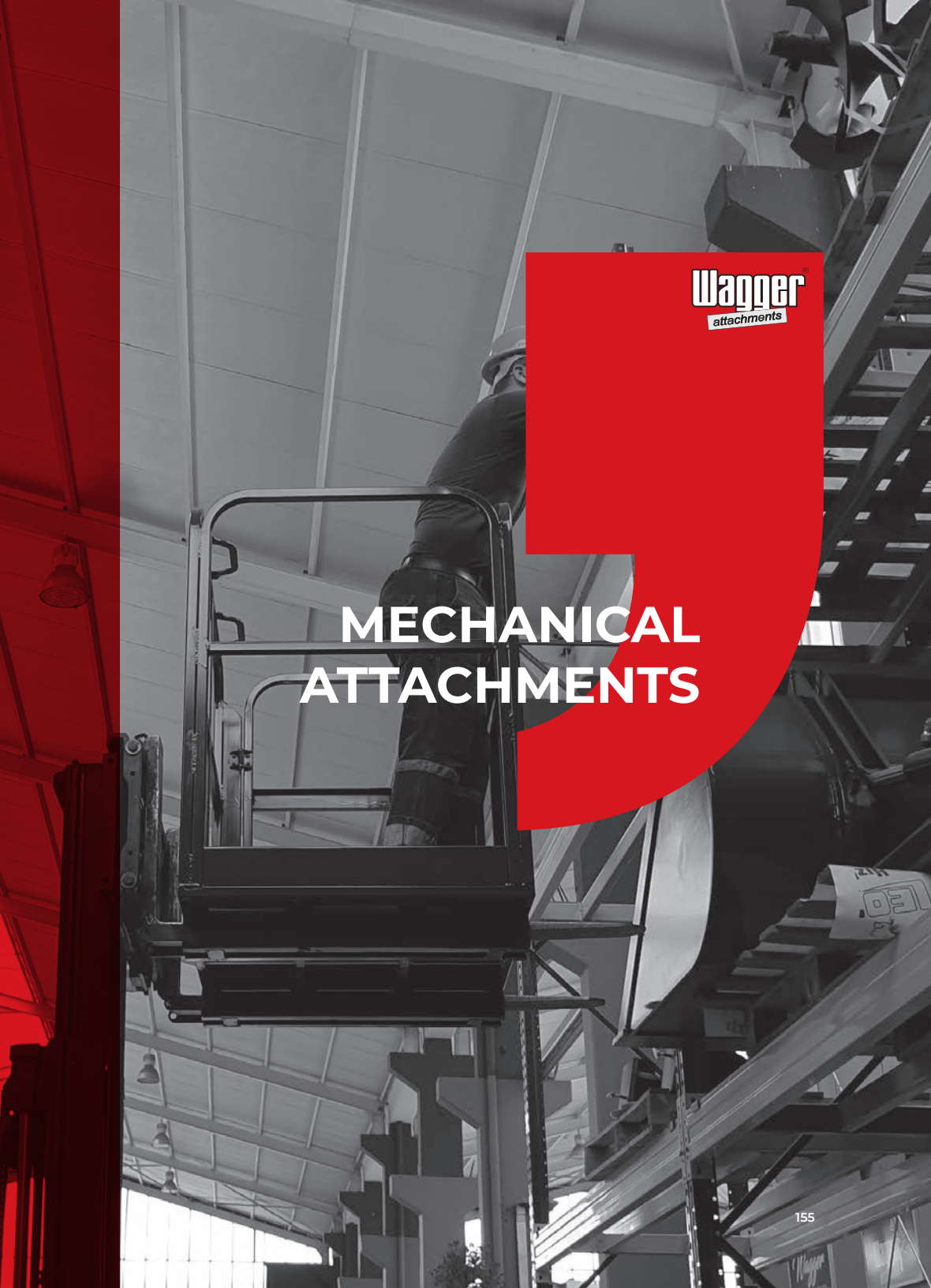
SPECIALIZED ATTACHMENTS

Log Grab



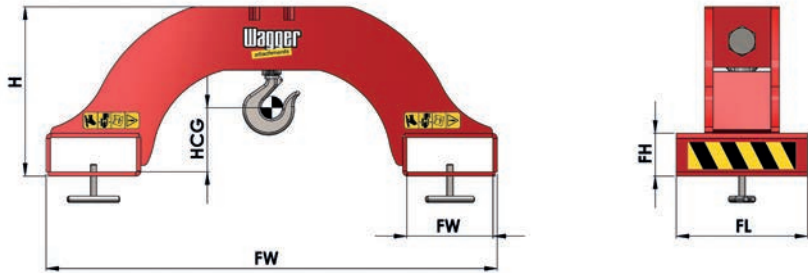
15

AX	Crane Hooks	15.1
AH	Telescopic Jib Boom	15.2
AT	Telescopic Jib Boom	15.3
HT	Hyd. Telescopic Boom	15.4
DMS	Metal Drum Attachments	15.5
DPS	Plastic Drum Attachments	15.6
WP	Platform	15.7
KK	Snow Plough / Manually Rotating	15.8
CZ	Load Balancing Fork	15.9
CR	Load Balancing Fork	15.10
CC	Carpet Boom	15.11
FH	Carrying Rams	15.12
FT	Heavy-Duty Carrying Rams	15.13
QC	Quick Coupler	15.14
BB	Big-Bag Attachment	15.15



Wagner
attachments

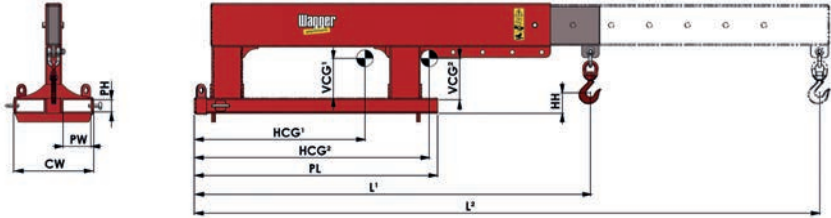
MECHANICAL ATTACHMENTS



Catalog No	Capacity	Mounting Class	Height (mm)	Width (mm)	Horizontal Centre of Gravity (mm)	Weight
	kg/mm	ISO 2328	H	FW	HCG	kg
025AX	2000/500	Slip on Fork	325	860	125	47
040AX	4000/500	Slip on Fork	340	860	125	54


Technical Information

Provides a quick and economical method of the lifting and positioning of unpalletised loads.
It's position along the forks can be easily adjusted.

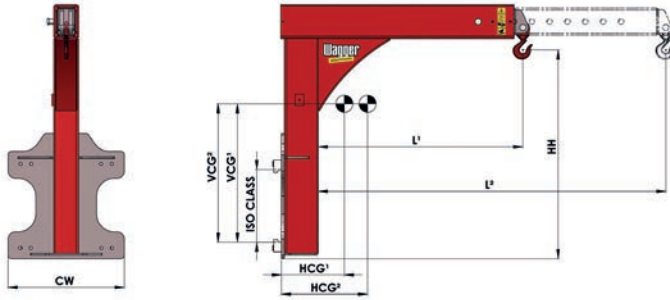


Catalog No	Capacity	Mounting Class	Carriage Width	Opening Range (mm)	Opening Range (mm)	Fork Dimensions (mm)	Horizontal Centre of Gravity (mm)	Horizontal Centre of Gravity (mm)	Weight
	kg/mm	ISO 2328	CW	L ¹	L ²	PW / PH / PL	HCG ¹	HCG ²	kg
020AH	2000/600	Slip On Fork	210	3075	1755	100/40/1200	630	893	250
030AH	3000/600	Slip On Fork	210	3075	1755	120/50/1200	641	900	260
040AH	4000/600	Slip On Fork	310	3075	1755	125/50/1200	649	910	270
050AH	5000/600	Slip On Fork	410	3075	1755	135/60/1200	660	921	280
060AH	6000/600	Slip On Fork	410	3075	1755	150/60/1500	673	933	300



Technical Information

This attachment makes it possible lifting loads beyond the tips of Forks



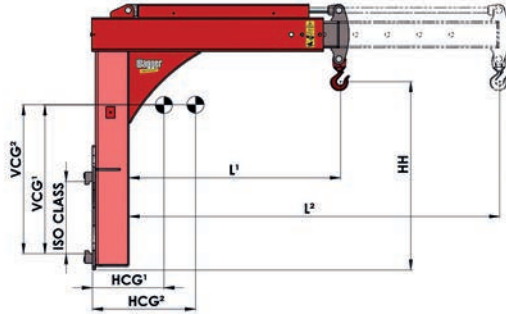
Catalog No	Capacity @ Load Center (Kg/mm)	Mounting Class	Carriage Width (mm)	Closed Distance (mm)	Extended Distance (mm)	Height (mm)	Horizontal Center Of Weight (mm)	Horizontal Center Of Weight (mm)	Weight
	Q	ISO 2328	CW	L1	L2	HH	HCG ¹	HCG ²	kg
010AT	1000 / 500	2A	210	1330	2130	1075	350	350	200
016AT	1600 / 500	2A/3A	210	1330	2130	1075	350	350	215
022AT	2200 / 600	3A	210	1330	2130	1075	350	350	230

Hook Position	1	2	3	4	5	6
Hook Distance (mm)	1375	1545	1715	1885	2055	2215
015AT	650	580	520	475	435	405
025AT	1085	965	870	790	725	675
030AT	1300	1160	1045	950	870	810
040AT	1735	1545	1390	1265	1160	1080
050AT	2170	1935	1740	1585	1455	1350



Technical Information

This attachment makes it possible lifting loads beyond the tips of Forks

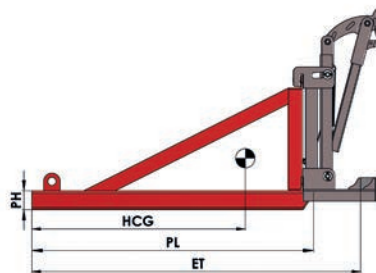
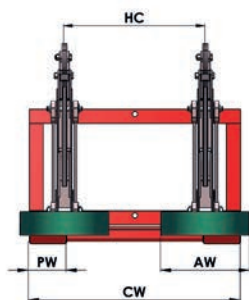


Catalog No	Capacity@ Load Center	Mounting Class	Carriage Width (mm)	Closed Distance (mm)	Open Distance (mm)	Height (mm)	Horizontal Center Of Weight (mm)	Horizontal Center Of Weight (mm)	Weight
	Kg/mm	ISO 2328	CW	L1	L2	HH	HCG¹	HCG²	Kg
010HT	1000 / 500	2A	650	1335	2070	970	320	350	230
016HT	1600 / 500	2A/3A	650	1335	2070	970	320	350	245
022HT	2200 / 600	3A	650	1335	2070	970	320	350	265



Technical Information

This attachment makes it possible lifting loads beyond the tips of Forks

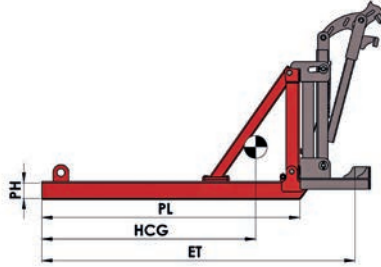
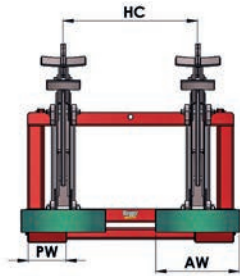


Catalog No	Capacity @ Load Center	Drum Quantity	Width (mm)	Arm Width	Fork Pocket Size (mm)	Horizontal Center Of Weight (mm)	Weight
	Kg/mm		CW	AW	PL/PW/PH	HCG	Kg
003DMS-S350	350/500	Single	600	360	1050 / 175 / 75	853	105
007DMS-D700	700/500	Double	950	360	1050 / 175 / 75	945	145

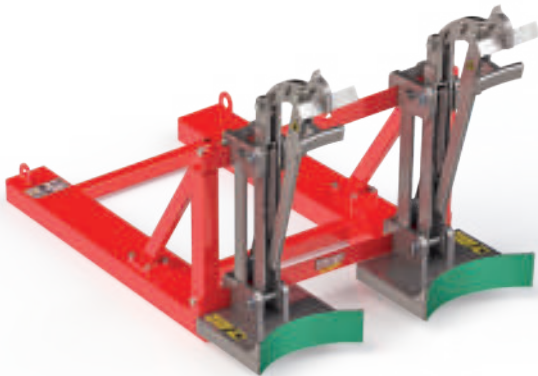


Technical Information

This attachment is for use stacking, packing and racking of metal drums without the need for pallets

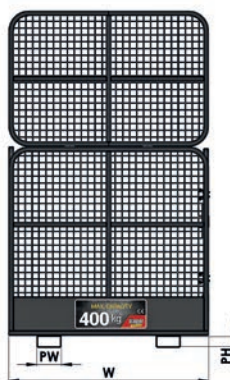


Catalog No	Capacity @ Load Center	Drum Quantity	Width (mm)	Arm Width	Fork Pocket Size (mm)	Horizontal Center Of Weight (mm)	Weight
	Kg/mm		CW	AW	PL/PW/PH	HCG	Kg
003DPS-S350	350/500	Single	600	360	1050 / 175 / 75	853	105
007DPS-D700	700/500	Double	950	360	1050 / 175 / 75	945	145



Technical Information

This attachment is for use stacking, packing and racking of plastic drums without the need for pallets



Catalog No	Capacity@ Load Center (Kg/mm)	Mounting Class	Width (mm)	Height (mm)	Fork Dimensions (mm)	Length (mm)	Horizontal Centre of Gravity (mm)	Weight
	Kg/mm	ISO 2328	W	H	FW / FT / FL	PL	HCG	kg
004WP	400/500	Slip On Fork	1200	1130	135/60/850	850	425	150



Technical Information

This attachments suited for installation work carried out elevated positions

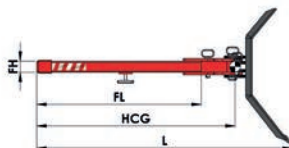
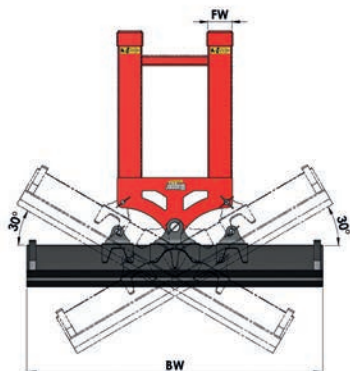
When working on platforms, local accident prevention Regulations must be observed.

Fork Locking Pins

Self-closing door

Seat belts point

CE certificated and Load Test Repors



Catalog No	Blade Width (mm)	Blade Height (mm)	Fork Case Dimension	Horizontal Centre of Gravity (mm)	Rotation Angle	Weight
	BW	mm	FW / FH / FL	HCG	°	kg
018KK	1800	825	125 / 50 / 1200	1162	30°	295

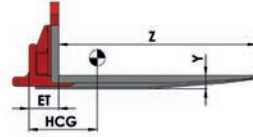
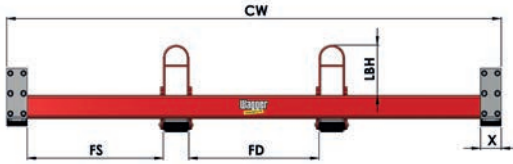


Technical Information

Snow plough are used for removing snow from large areas and paths.

They are mounted by means of fork pockers that are secured with clamping screws.

Due to the swiveling angle to the right or to the left the snow will slide to the side.



Catalog No	Capacity@ Load Centre (Kg/mm)	Mounting Class	Width	Fork Dimensions (mm)	Effective Thickness (mm)	Horizontal Centre of Gravity (mm)	Weight
		ISO 2328	CW	FW / FT / FL	ET	HCG	kg
015CZ	1500 / 500	Slip On Fork	3000	100 / 40 / 1200	120	240	240
025CZ	2500 / 500	Slip On Fork	3000	100 / 40 / 1200	130	300	320
030CZ	3000 / 500	Slip On Fork	3000	120 / 50 / 1200	140	310	370
040CZ	4000 / 500	Slip On Fork	4000	120 / 50 / 1200	160	250	480
050CZ	5000 / 600	Slip On Fork	4000	120 / 50 / 1200	200	220	590



Technical Information

The load balancing forks has been designed for the occasional handling of particulary long and instable loads such as plastic tubes, sheet metal boards etc.

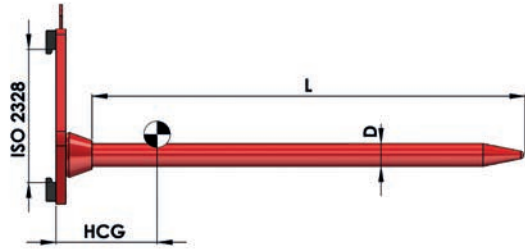


Catalog No	Capacity	Mounting Class	Carriage Width	Fork Dimensions (mm)	Horizontal Centre of Gravity (mm)	Weight
	kg/mm	ISO 2328	CW	X/Y/Z	HCG	kg
025CR-A30	2500/500	2A	3000	100/40/1200	286	425
030CR-B30	3000/500	3A	3000	125/45/1200	304	486
040CR-C40	4000/600	4A	4000	125/50/1200	245	545
050CR-C40	5000/600	4A	4000	150/50/1200	518	600



Technical Information

The load balancing forks has been designed for the occasional handling of particularly long and instable loads such as plastic tubes, sheet metal boards etc.

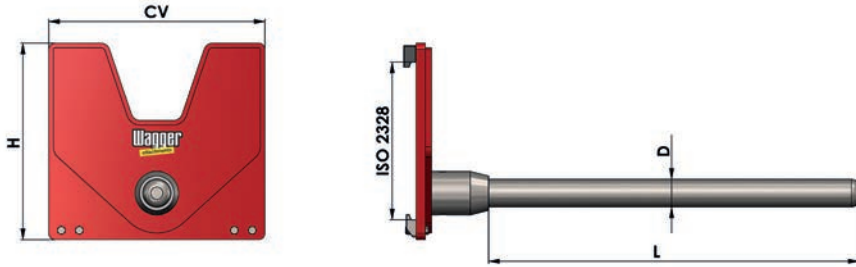


Catalog No	Capacity Load Centre (Kg/mm)	Mounting Class	Carriage Width (mm)	Boom Length	Boom Diameter	Height	Horizontal Centre of Gravity (mm)	Weight
		ISO 2328	CW	L	D	H	HCG	kg
013CC-065A1250	1350	2A	410	1250	65	505	254	150
011CC-065A1500	1200	2A	410	1500	65	505	325	250
008CC-065A2000	850	2A	410	2000	65	505	485	350
006CC-065A2500	800	2A	410	2500	65	505	661	400
005CC-065A3000	600	2A	410	3000	65	505	850	450
017CC-070A1250	1700	2A	410	1250	70	505	278	200
014CC-070A1500	1400	2A	410	1500	70	505	357	250
010CC-070A2000	1000	2A	410	2000	70	505	527	300
008CC-070A2500	850	2A	410	2500	70	505	713	350
007CC-070A3000	700	2A	410	3000	70	505	910	400
035CC-090A1250	3500	3A	410	1250	90	505	361	350
030CC-090A1500	3000	3A	410	1500	90	505	455	400
022CC-090A2000	2250	3A	410	2000	90	505	658	450
018CC-090A2500	1800	3A	410	2500	90	505	872	500
015CC-090A3000	1500	3A	410	3000	90	505	1095	550
013CC-090A3500	1300	3A	410	3500	90	505	1323	600
011CC-090A4000	1150	3A	410	4000	90	505	1555	650
042CC-095B1250	4200	3A	580	1250	95	612	280	400
035CC-095B1500	3500	3A	580	1500	95	612	357	450
026CC-095B2000	2600	3A	580	2000	95	612	528	500
021CC-095B2500	2100	3A	580	2500	95	612	712	550
017CC-095B3000	1700	3A	580	3000	95	612	911	600
015CC-095B3500	1500	3A	580	3500	95	612	1119	650
013CC-095B4000	1300	3A	580	4000	95	612	1333	700
049CC-100B1250	4900	3A	580	1250	100	612	297	450
041CC-100B1500	4100	3A	580	1500	100	612	377	500
030CC-100B2000	3000	3A	580	2000	100	612	555	550
024CC-100B2500	2400	3A	580	2500	100	612	748	600
020CC-100B3000	2000	3A	580	3000	100	612	951	650
017CC-100B3500	1700	3A	580	3500	100	612	1163	700
015CC-100B4000	1500	3A	580	4000	100	612	1382	750
012CC-100B5000	1200	3A	580	5000	100	612	1832	800



Technical Information

Carpet carrying ram with small diameters made of solid material are used for handling carpet rolls. Attachment can be manufactured in any length and diameter and to suit any type or capacity of Forklift.

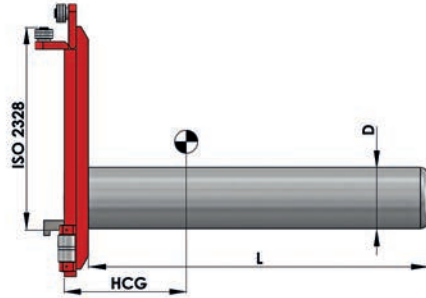
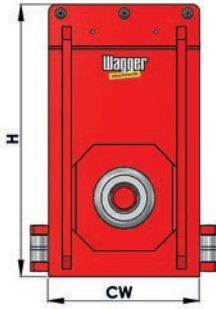


Catalog No	Capacity Load Centre (Kg/mm)	Mounting Class	Carriage Width (mm)	Boom Length	Boom Diameter	Height	Horizontal Centre of Gravity (mm)	Weight
		ISO 2328	CV	L	D	H	HCG	kg
013FH-065A1250	1350	2A	410	1250	65	505	254	150
011FH-065A1500	1200	2A	410	1500	65	505	325	250
008FH-065A2000	850	2A	410	2000	65	505	485	350
006FH-065A2500	800	2A	410	2500	65	505	661	400
005FH-065A3000	600	2A	410	3000	65	505	850	450
017FH-070A1250	1700	2A	410	1250	70	505	278	200
014FH-070A1500	1400	2A	410	1500	70	505	357	250
010FH-070A2000	1000	2A	410	2000	70	505	527	300
008FH-070A2500	850	2A	410	2500	70	505	713	350
007FH-070A3000	700	2A	410	3000	70	505	910	400
035FH-090A1250	3500	3A	410	1250	90	505	361	350
030FH-090A1500	3000	3A	410	1500	90	505	455	400
022FH-090A2000	2250	3A	410	2000	90	505	658	450
018FH-090A2500	1800	3A	410	2500	90	505	872	500
015FH-090A3000	1500	3A	410	3000	90	505	1095	550
013FH-090A3500	1300	3A	410	3500	90	505	1323	600
011FH-090A4000	1150	3A	410	4000	90	505	1555	650
042FH-095B1250	4200	3A	580	1250	95	612	280	400
035FH-095B1500	3500	3A	580	1500	95	612	357	450
026FH-095B2000	2600	3A	580	2000	95	612	528	500
021FH-095B2500	2100	3A	580	2500	95	612	712	550
017FH-095B3000	1700	3A	580	3000	95	612	911	600
015FH-095B3500	1500	3A	580	3500	95	612	1119	650
013FH-095B4000	1300	3A	580	4000	95	612	1333	700
049FH-100B1250	4900	3A	580	1250	100	612	297	450
041FH-100B1500	4100	3A	580	1500	100	612	377	500
030FH-100B2000	3000	3A	580	2000	100	612	555	550
024FH-100B2500	2400	3A	580	2500	100	612	748	600
020FH-100B3000	2000	3A	580	3000	100	612	951	650
017FH-100B3500	1700	3A	580	3500	100	612	1163	700
015FH-100B4000	1500	3A	580	4000	100	612	1382	750
012FH-100B5000	1200	3A	580	5000	100	612	1832	800



Technical Information

Carpet carrying ram with small diameters made of solid material are used for handling carpet rolls. Attachment can be manufactured in any length and diameter and to suit any type or capacity of Forklift.

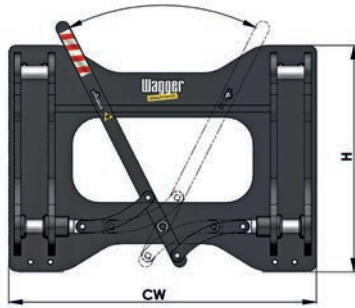


Catalog No	Capacity @ Load Centre (Kg/mm)	Mounting Class	Carriage Width (mm)	Boom Length	Boom Diameter	Height	Horizontal Centre of Gravity (mm)	Weight
		ISO 2328	CW	L	D	H	HCG	kg
040FT-16AI200	4000	ROLLED TYPE	600	1200	160	650	365	350
060FT-20BI200	6000	ROLLED TYPE	700	1200	200	760	446	450
100FT-23BI200	10000	ROLLED TYPE	800	1200	230	760	482	550



Technical Information

Coil Booms are used for handling wire or steel coils, tubes or goods of a similar geometry. Attachment can be manufactured in any length and diameter and to suit any type or capacity of forklift.



Catalog No	Capacity @ Load Centre (Kg/mm)	Mounting Class	Carriage Width (mm)	Effective Thickness (mm)	Horizontal Centre of Gravity (mm)	Height	Weight
		ISO 2328	CW	ET	HCG	H	kg
015QC-A0800	1500/500	2A	800	135	40	750	125
025QC-A0800	2500/500	2A	800	135	40	750	130
035QC-B0900	3000/500	3A	900	150	45	750	150
045QC-B1100	4000/500	3A	900	150	45	750	180
050QC-C1200	5000/600	4A	1050	180	70	750	250



Technical Information

Manually locking system.
With Special wagger Forklift Board.





30%

BETTER
ENERGY SAVINGS

50%

BETTER INDOOR
AIR QUALITY

20%

LESS WATER
CONSUMPTION

The data in this brochure are informative and subject to change without notice.

Wagger®

attachments

THINK BIG!

HOLD THE WORLD

WAGGER ATTACHMENTS

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Yesiloba Mah. Orta Olcekli Sanayi Sitesi 46247 Sok. NO: 2/A
Seyhan / Adana / TURKIYE

Phone: +90 (322) 428 08 58 - 428 08 97
Fax: +90 (322) 428 09 25
info@wagger.com.tr

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