



bma

ATTACHMENT
CATALOG

CE ISO
9001-2015



BNA Attachments, located in Adana-Turkey, supply user friendly, long-lasting, cost effective, productive and innovative products with the aim of ensuring complete customer satisfaction both in Turkey and in international markets.

BNA, as local attachment manufacturer, with the power of customized high quality production, we serve on manufacturing, marketing, sales, distribution and service channels to maximize the customer satisfaction. With more than 20 years of experience in business for various brands, we now continue to be your trusted partner with our own brand **bnat**.

CONTACT

Sarıhamzalı Mahallesi Kemal Deniz Sanayi Sitesi
47093. Sokak No:2/O Seyhan 01210 Adana TURKEY

Ph: +90 322.262 22 62

GSM: +90. 535. 207 48 84

www.bna-tr.com

e-mail: satis@bna-tr.com

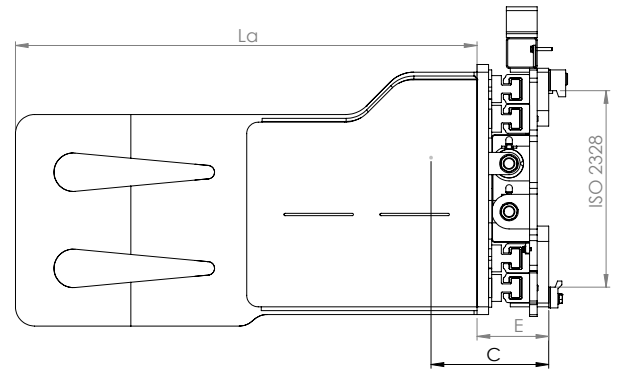
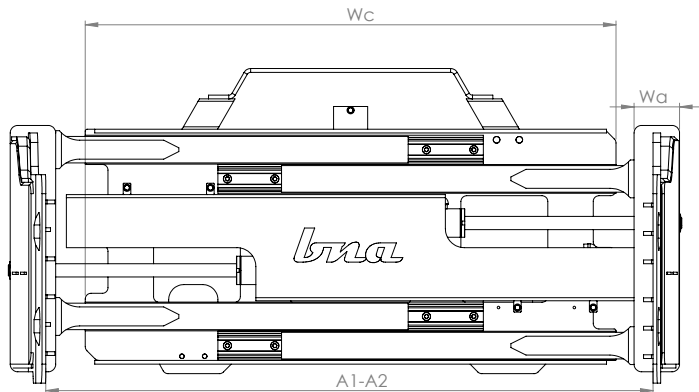


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BALE ATTACHMENTS

RECYCLING BALE CLAMP



PRODUCT CODE	CAPACITY	LOAD CENTER	MOUNTING CLASS	OPENING RANGE	CHASSIS WIDTH	ARM LENGTH	ARM THICKNESS	ARM HEIGHT	LOST LOAD DISTANCE	CENTER OF GRAVITY	WEIGHT
	Q kg	Lc mm	ISO	A1-A2 mm	Wc mm	La mm	Wa mm	Ha mm	E mm	C mm	M kg
CBW2A-Q16-40.160	1600	500	2A	400/1600	1000	1000	30	350	138	258	420
CBW2A-Q16-50.170				500/1700	1000					258	425
CBW2A-Q16-60.180				600/1800	1200					257	430
CBW2A-Q16-45.180				450/1800	1200					257	434
CBW2A-Q16-55.190				550/1900	1200					257	439
CBW2A-Q16-60.200				600/2000	1100					262	435
CBW2A-Q16-50.200				500/2000	1300					255	460
CBW2A-Q22-45.180	2200	500	2A	450/1800	1200	1000	30	350	148	257	430
CBW2A-Q22-50.190				500/1900	1200					257	434
CBW2A-Q22-50.200				500/2000	1300					255	460
CBW2A-Q22-55.210				550/2100	1300					255	468
CBW3A-Q27-45.180	2700	500	3A	450/1800	1200	1000	30	420	148	250	530
CBW3A-Q27-50.190				500/1900	1200					250	540
CBW3A-Q27-50.200				500/2000	1300					302	565
CBW3A-Q27-55.210				550/2100	1300					302	570
CBW3A-Q27-60.220				600/2200	1300					302	565
CBW3A-Q27-70.230				700/2300	1300					302	565
CBW3A-Q27-80.240				800/2400	1300					302	570
CBW3A-Q27-50.225				500/2250	1450					298	590
CBW3A-Q27-50.235				500/2350	1550					294	595
CBW3A-Q27-50.250				500/2500	1650					290	605
CBW4A-Q35-50.200	3500	500	4A	500/2000	1300	1200	30	420	148	302	565
CBW4A-Q35-50.210				500/2100	1300					302	570
CBW4A-Q35-60.220				600/2200	1450					298	590
CBW4A-Q35-50.225				500/2250	1450					298	595
CBW4A-Q35-50.235				500/2350	1550					294	595
CBW4A-Q35-50.250				500/2500	1650					290	605

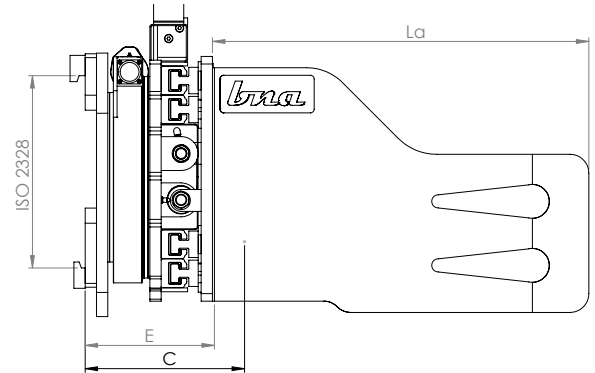
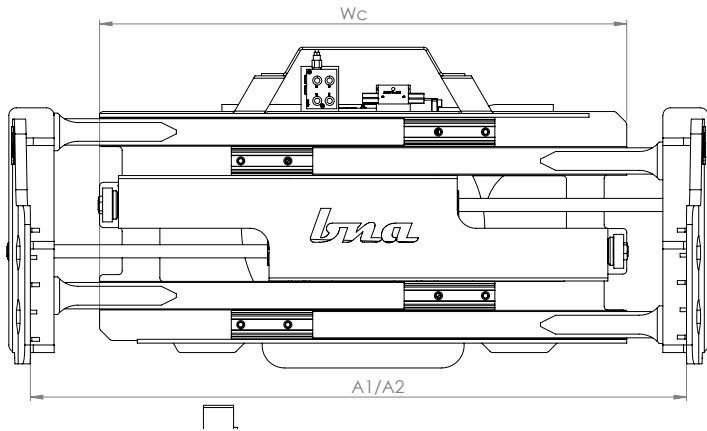


It has one hydraulic function.
This attachment is used for loading, unloading and storage of plastic scrap, cotton, cloth and pressed metal bales.

Measurements of the arm, chassis and other proportions of the attachment may be modified according to the customers' wishes.

Optionally, features such as hydraulic jack, integrated side shifter valve can be included.

ROTATIONAL BALE CLAMP



PRODUCT CODE	CAPACITY	LOAD CENTER	MOUNTING CLASS	OPENING RANGE	CHASSIS WIDTH	ARM LENGTH	ARM THICKNESS	ARM HEIGHT	LOST LOAD DISTANCE	CENTER OF GRAVITY	WEIGHT
	Q kg	Lc mm	ISO	A1-A2 mm	Wc mm	La mm	Wa mm	Ha mm	E mm	C mm	M kg
CBR2A-Q16-40.160	1600	500	2A	400/1600	1000	1000	30	350	198	258	420
CBR2A-Q16-50.170				500/1700	1000					258	425
CBR2A-Q16-60.180				600/1800	1200					257	430
CBR2A-Q16-45.180				450/1800	1200					257	434
CBR2A-Q16-55.190				550/1900	1200					257	439
CBR2A-Q16-60.200				600/2000	1100					262	435
CBR2A-Q16-50.200				500/2000	1300					255	460
CBR2A-Q22-45.180	2200	500	2A	450/1800	1200	1000	30	350	198	257	430
CBR2A-Q22-50.190				500/1900	1200					257	434
CBR2A-Q22-50.200				500/2000	1300					255	460
CBR2A-Q22-55.210				550/2100	1300					255	468

It has two hydraulic functions.

This attachment is used for loading, unloading and storage of cotton, wool, cloth and recycling bales.

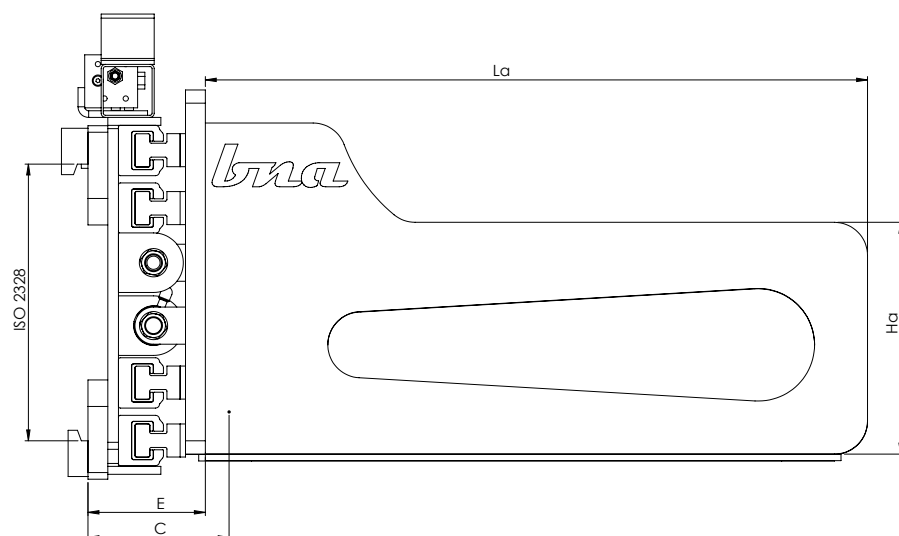
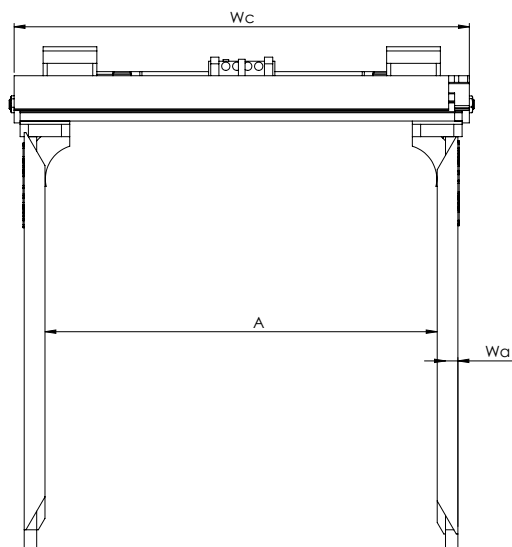
Measurements of the arm, chassis and other proportions of the attachment may be modified according to the customers' wishes.

Optionally, features such as hydraulic jack, integrated side shifter valve can be included.

It has 360° endless rotation in both directions.



POWER SPEED BALE CLAMP



	CAPACITY	LOAD CENTER	MOUNTING CLASS	OPENING RANGE	CHASSIS WIDTH	ARM LENGTH	ARM THICKNESS	ARM HEIGHT	LOST LOAD DISTANCE	CENTER OF GRAVITY	WEIGHT
PRODUCT CODE	Q kg	Lc mm	ISO	A1-A2 mm	Wc mm	La mm	Wa mm	Ha mm	E mm	C mm	M kg
CBP2A-Q16-40.160	1600	500	2A	400/1600	1000	1000	30	350	138	258	420
CBP2A-Q16-50.170				500/1700	1000					258	425
CBP2A-Q16-60.180				600/1800	1200					257	430
CBP2A-Q16-45.180				450/1800	1200					257	434
CBP2A-Q16-55.190				550/1900	1200					257	439
CBP2A-Q16-60.200				600/2000	1100					262	435
CBP2A-Q16-50.200				500/2000	1300					255	460

It has one hydraulic function.

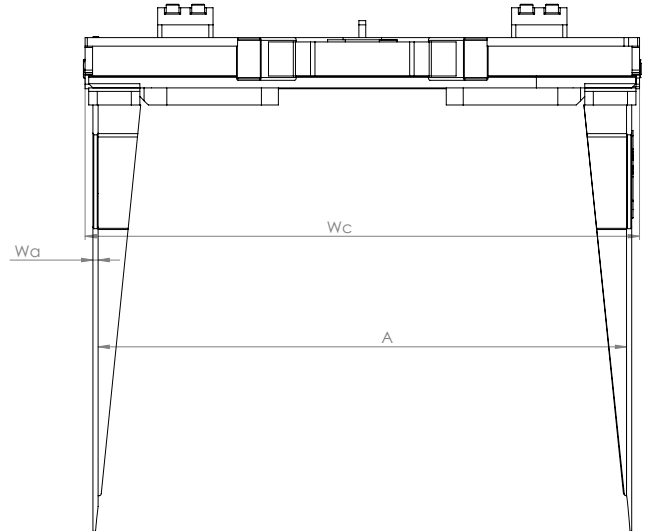
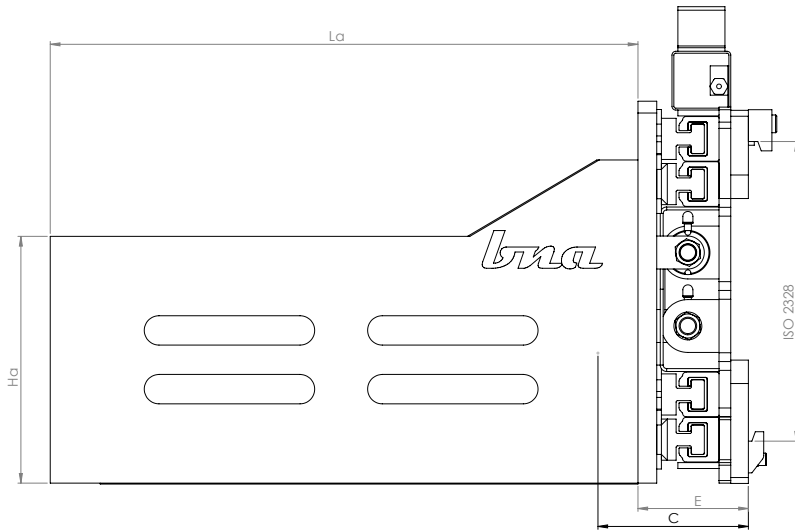
This attachment is used for loading, unloading and storage of cotton, wool, cloth and recycling bales.

Measurements of the arm, chassis and other proportions of the attachment may be modified according to the customers' wishes.

Optionally, features such as hydraulic jack, integrated side shifter valve can be included.



ECO TYPE BALE CLAMP



PRODUCT CODE	CAPACITY	LOAD CENTER	MOUNTING CLASS	OPENING RANGE	CHASSIS WIDTH	ARM LENGTH	ARM WIDTH	ARM HEIGHT	LOST LOAD DISTANCE	CENTER OF GRAVITY	WEIGHT
	Q kg	Lc mm	ISO	A1-A2 mm	Wc mm	La mm	Wa mm	Ha mm	E mm	C mm	M kg
CBE2A-Q16-40.160	1600	500	2A	400/1600	1000	1000	80	350	148	190	470
CBE2A-Q16-50.170				500/1700	1000					190	472
CBE2A-Q16-60.180				600/1800	1200					187	480
CBE2A-Q16-45.180				450/1800	1200					187	484
CBE2A-Q16-55.190				550/1900	1200					187	488
CBE2A-Q16-60.200				600/2000	1100					189	468
CBE2A-Q16-50.200				500/2000	1300					186	486
CBE2A-Q22-45.180	2200	500	2A	450/1800	1200	1000	80	420	148	194	492
CBE2A-Q22-50.190				500/1900	1200					196	495
CBE2A-Q22-50.200				500/2000	1300					198	495
CBE2A-Q22-55.210				550/2100	1300					200	497
CBE3A-Q27-45.180	2700	500	3A	450/1800	1200	1000	80	420	148	198	540
CBE3A-Q27-50.190				500/1900	1200					198	542
CBE3A-Q27-50.200				500/2000	1300					196	543
CBE3A-Q27-55.210				550/2100	1300					196	545
CBE3A-Q27-60.220				600/2200	1300					198	548
CBE3A-Q27-70.230				700/2300	1300					198	551
CBE3A-Q27-80.240				800/2400	1300					200	554
CBE3A-Q27-50.225				500/2250	1450					194	550
CBE3A-Q27-50.235				500/2350	1550					190	558
CBE3A-Q27-50.250				500/2500	1650					188	570

It has one hydraulic function.

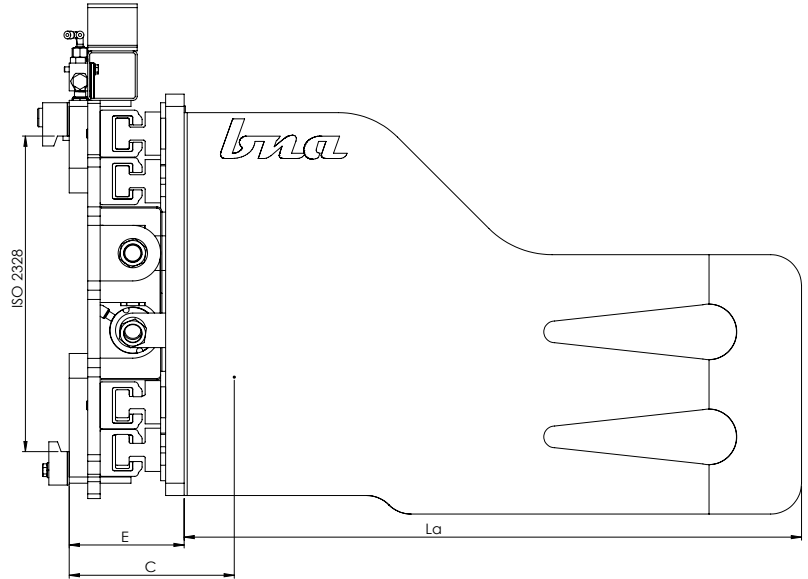
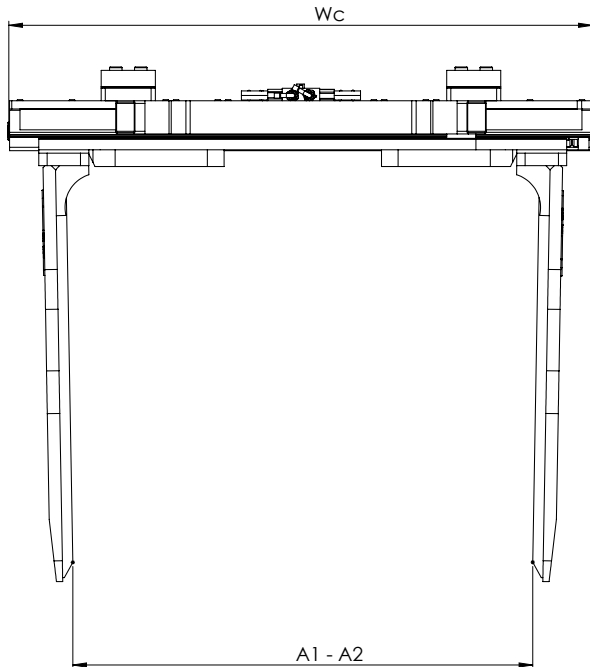
This attachment is used for loading, unloading and storage of cotton, wool, cloth and recycling bales.

Measurements of the arm, chassis and other proportions of the attachment may be modified according to the customers' wishes.

Optionally, features such as hydraulic jack, integrated side shifter valve can be included.



BALE CLAMP



It has one hydraulic function.

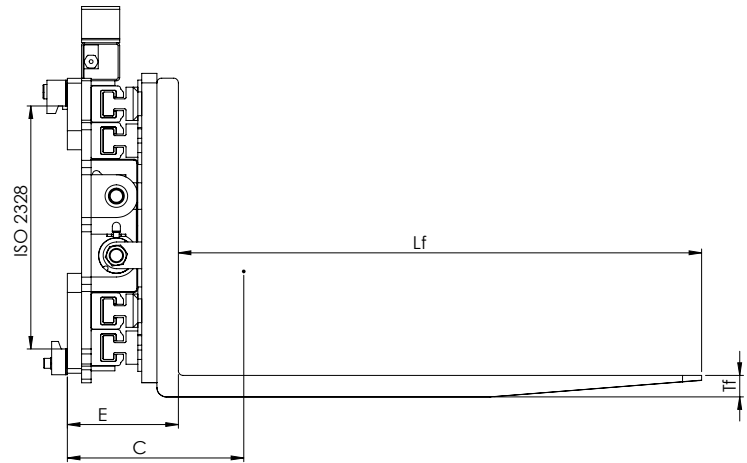
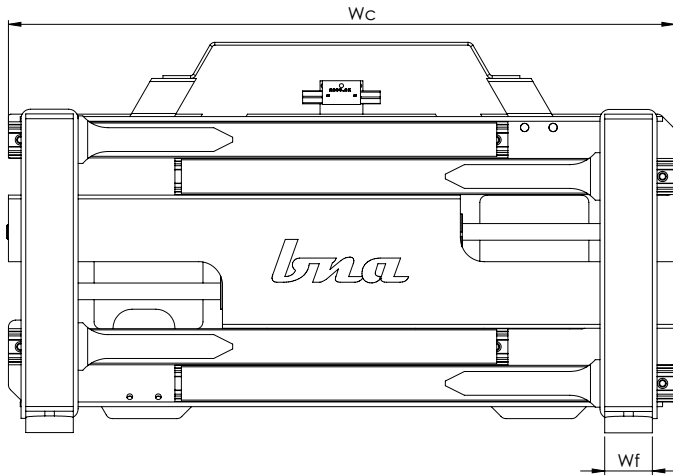
This attachment is used for loading, unloading and storage of cotton, wool, cloth and recycling bales.

Measurements of the arm, chassis and other proportions of the attachment may be modified according to the customers' wishes.

Optionally, features such as hydraulic jack, integrated side shifter valve can be included.

PRODUCT CODE	CAPACITY	LOAD CENTER	MOUNTING CLASS	OPENING RANGE	CHASSIS WIDTH	ARM LENGTH	ARM THICKNESS	ARM HEIGHT	LOST LOAD DISTANCE	CENTER OF GRAVITY	WEIGHT
	Q kg	Lc mm	ISO	A1-A2 mm	Wc mm	La mm	Wa mm	Ha mm	E mm	C mm	M kg
CBC2A-Q16-40.160	1600	500	2A	400/1600	1000	1000	30	350	138	258	420
CBC2A-Q16-50.170				500/1700	1000					258	425
CBC2A-Q16-60.180				600/1800	1200					257	430
CBC2A-Q16-45.180				450/1800	1200					257	434
CBC2A-Q16-55.190				550/1900	1200					257	439
CBC2A-Q16-60.200				600/2000	1100					262	435
CBC2A-Q16-50.200				500/2000	1300					255	460
CBC2A-Q22-45.180	2200	500	2A	450/1800	1200	1000	30	350	148	257	430
CBC2A-Q22-50.190				500/1900	1200					257	434
CBC2A-Q22-50.200				500/2000	1300					255	460
CBC2A-Q22-55.210				550/2100	1300					255	468
CBC3A-Q27-45.180	2700	500	3A	450/1800	1200	1000	30	420	148	250	530
CBC3A-Q27-50.190				500/1900	1200					250	540
CBC3A-Q27-50.200				500/2000	1300					302	565
CBC3A-Q27-55.210				550/2100	1300					302	570
CBC3A-Q27-60.220				600/2200	1300					302	565
CBC3A-Q27-70.230				700/2300	1300					302	565
CBC3A-Q27-80.240				800/2400	1300					302	570
CBC3A-Q27-50.225				500/2250	1450					298	590
CBC3A-Q27-50.235				500/2350	1550					294	595
CBC3A-Q27-50.250				500/2500	1650					290	605
CBC4A-Q35-50.200	3500	500	4A	500/2000	1300	1200	30	420	148	302	565
CBC4A-Q35-50.210				500/2100	1300					302	570
CBC4A-Q35-60.220				600/2200	1450					298	590
CBC4A-Q35-50.225				500/2250	1450					298	595
CBC4A-Q35-50.235				500/2350	1550					294	595
CBC4A-Q35-50.250				500/2500	1650					290	605

FORK CLAMP



PRODUCT CODE	CAPACITY	LOAD CENTER	MOUNTING CLASS	OPENING RANGE	CHASSIS WIDTH	FORK LENGTH	FORK WIDTH	FORK THICKNESS
	Q kg	Lc mm	ISO	A1-A2 mm	Wc mm	La mm	Wa mm	Ha mm
FOC2A-Q16-40.160	1600	500	2A	400/1600	1000	1000	100	40
FOC2A-Q16-50.170				500/1700	1000			
FOC2A-Q16-60.180				600/1800	1200			
FOC2A-Q16-45.180				450/1800	1200			
FOC2A-Q16-55.190				550/1900	1200			
FOC2A-Q16-60.200				600/2000	1100			
FOC2A-Q16-50.200				500/2000	1300			
FOC2A-Q22-45.180	2200	500	2A	450/1800	1200	1250	120	45
FOC2A-Q22-50.190				500/1900	1200			
FOC2A-Q22-50.200				500/2000	1300			
FOC2A-Q22-55.210				550/2100	1300			
FOC3A-Q27-45.180	2700	500	3A	450/1800	1200	1250	125	45
FOC3A-Q27-50.190				500/1900	1200			
FOC3A-Q27-50.200				500/2000	1300			
FOC3A-Q27-55.210				550/2100	1300			
FOC3A-Q27-60.220				600/2200	1300			
FOC3A-Q27-70.230				700/2300	1300			
FOC3A-Q27-80.240				800/2400	1300			
FOC3A-Q27-50.225				500/2250	1450			
FOC3A-Q27-50.235				500/2350	1550			
FOC3A-Q27-50.250				500/2500	1650			
FOC4A-Q35-50.200	3500	500	4A	500/2000	1300	1250	150	50
FOC4A-Q35-50.210				500/2100	1300			
FOC4A-Q35-60.220				600/2200	1450			
FOC4A-Q35-50.225				500/2250	1450			
FOC4A-Q35-50.235				500/2350	1550			
FOC4A-Q35-50.250				500/2500	1650			



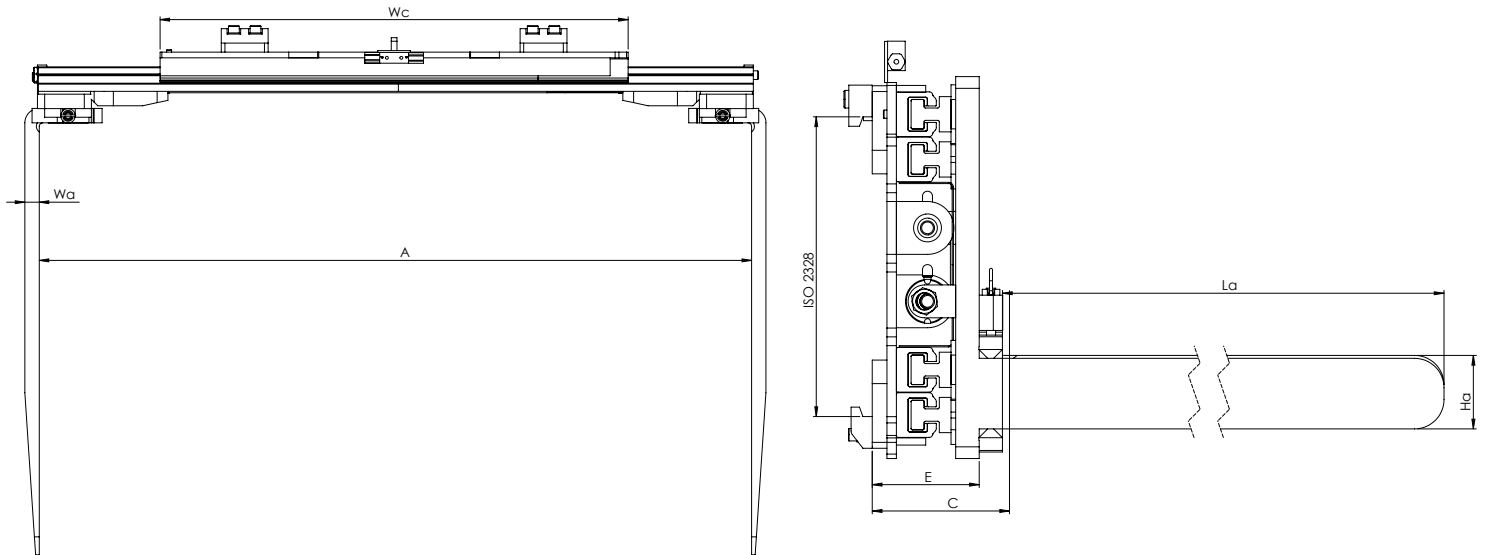
It has one hydraulic function.

It enables the forks to be utilized in the desired position.

It is used to transport wide products and pallets of various size, by adjusting the distance between the forks hydraulically from the forklift levers without the operator going down.

As the customer wishes, it can be produced with a side shifter.

BALE CLAMP WITH ROTATIONAL FORKS



PRODUCT CODE	CAPACITY	CAPACITY AS CLAMPS	LOAD CENTER	MOUNTING CLASS	OPENING RANGE	CHASSIS WIDTH	FORK LENGTH	FORK WIDTH	FORK THICKNESS	LOAD DISTANCE	CENTER OF GRAVITY	WEIGHT
	Q kg	Q kg	Lc mm	ISO	A1-A2 mm	Wc mm	La mm	Wa mm	Ha mm	E mm	C mm	M kg
RFC2A-Q15-40.160	1500	750	500	2A	400/1600	1000	1250	125	45	138	240	420
RFC2A-Q15-50.170					500/1700	1000					240	425
RFC2A-Q15-60.180					600/1800	1200					230	435
RFC2A-Q15-45.180					450/1800	1200					230	438
RFC2A-Q15-55.190					550/1900	1200					230	442
RFC2A-Q15-60.200					600/2000	1100					235	430
RFC2A-Q15-50.200					500/2000	1300					215	450
RFC2A-Q22-45.180	2000	1250	500	2A	450/1800	1200	1250	125	45	138	230	440
RFC2A-Q22-50.190					500/1900	1200					230	440
RFC2A-Q22-50.200					500/2000	1300					215	450
RFC2A-Q22-55.210					550/2100	1300					215	454
RFC3A-Q25-45.180	2500	1750	500	3A	450/1800	1200	1250	150	50	177	220	542
RFC3A-Q25-50.190					500/1900	1200					220	546
RFC3A-Q25-50.200					500/2000	1300					210	550
RFC3A-Q25-55.210					550/2100	1300					210	555
RFC3A-Q25-60.220					600/2200	1300					210	562

It has one hydraulic function.

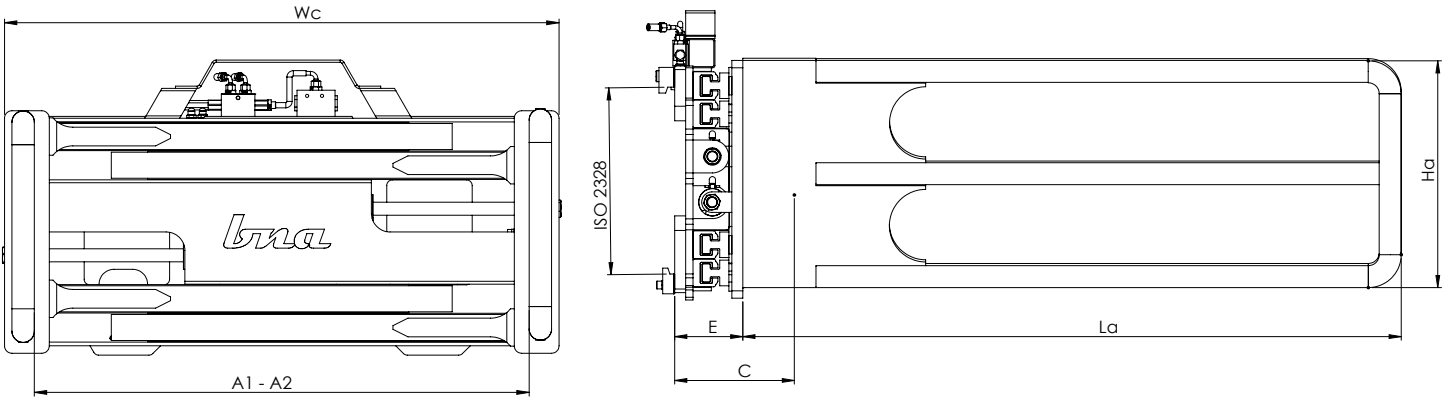
This attachment is used for loading, unloading and storage of cotton, wool, cloth and recycling bales.

When forks are on a flat position, it is used as a forklift fork. When forks are on a 90° position, it is used for loading, unloading and storage of cotton, wool, cloth and recycling bales. When the forks are on 45° or 135° angle, it is used for transportation of materials of a spheric form.

Optionally, features such as hydraulic jack, integrated side shifter valve can be included.



SPONGE CLAMP



PRODUCT CODE	CAPACITY	LOAD CENTER	MOUNTING CLASS	OPENING RANGE	CHASSIS WIDTH	ARM LENGTH	ARM WIDTH	ARM HEIGHT	LOST LOAD DISTANCE	CENTER OF GRAVITY	WEIGHT	
	Q kg	Lc mm	ISO	A mm	B mm	L mm	C mm	H mm	E mm	D mm	M kg	
SPC2A-Q08-50.190	800	800	2A	500 - 1900	1200	1600	40	400	138	260		
SPC2A-Q08-55.210				550 - 2100	1200					270		
SPC2A-Q08-59.211				590 - 2110	1150					265	405	
SPC2A-Q08-60.213				600 - 2130	1200					280	410	
SPC3A-Q12-70.230	1200	900	2A/3A	700 - 2300	1300	1800	60	600			318	
SPC3A-Q12-71.255				710 - 2550	1350						352	420
SPC3A-Q12-80.260				800 - 2600	1300						364	

It has one hydraulic function.

This attachment is used for transportation and stacking of sponge, foam and materials similar to those.

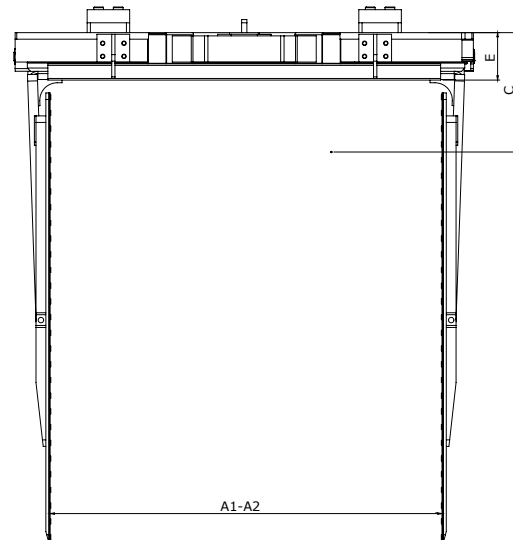
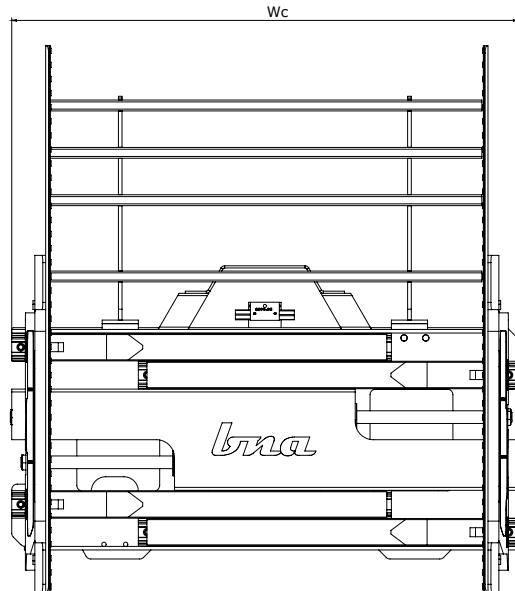
As the customer wishes, optionally, pressure regulated valve and side shifter features may be included.





BOX ATTACHMENTS

WHITE GOODS CLAMP



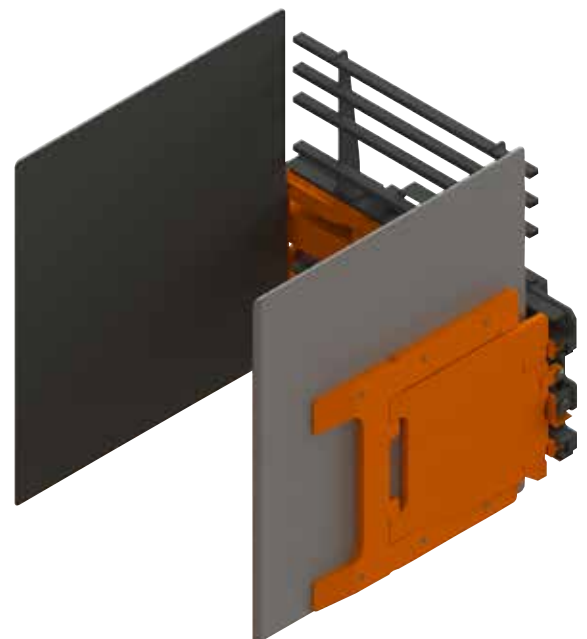
PRODUCT CODE	CAPACITY	LOAD CENTER	MOUNTING CLASS	OPENING RANGE	CHASSIS WIDTH	ARM LENGTH	ARM WIDTH	ARM HEIGHT	LOST LOAD DISTANCE	CENTER OF GRAVITY	WEIGHT
	Q kg	Lc mm	ISO 2328	A1-A2 mm	Wc mm	La mm	Wa mm	Ha mm	E mm	C mm	M kg
WGC2A-Q09-45.150	900	600	2A	450/1500	1200	1100	1000	57	138	230	550
WGC2A-Q09-45.155				450/1550	1400					500	
WGC2A-Q09-50.170				500/1700	1300					500	
WGC2A-Q09-50.200				500/2000	1300					500	
WGC2A-Q09-55.220				550/2200	1400					500	
WGC2A-Q09-62.235				620/2350	1450					500	
WGC2A-Q12-45.150	1200	600	2A	450/1500	1200	1100	1000	57	138	500	600
WGC2A-Q12-45.155				450/1550	1400					500	
WGC2A-Q12-50.170				500/1700	1300					500	
WGC2A-Q12-20.200				500/2000	1300					500	
WGC2A-Q12-55.220				550/2200	1400					500	
WGC2A-Q12-62.235				620/2350	1450					218	
WGC3A-Q14-45.150	1400	650	3A	450/1500	1200	1100	1000	57	177	550	600
WGC3A-Q14-45.155				450/1550	1400						
WGC3A-Q14-50.170				500/1700	1300						
WGC3A-Q14-50.200				500/2000	1300						
WGC3A-Q14-55.220				550/2200	1400						
WGC3A-Q14-62.235				620/2345	1410						
WGC3A-Q16-45.150	1600	650	3A /	450/1500	1200	1100	1000	57	181	550	650
WGC3A-Q16-45.155				450/1550	1400						
WGC3A-Q16-50.170				500/1700	1300						
WGC3A-Q16-50.200				500/2000	1300						
WGC3A-Q16-55.220				550/2200	1400						
WGC3A-Q16-62.235				620/2350	1450						

It has one hydraulic function.

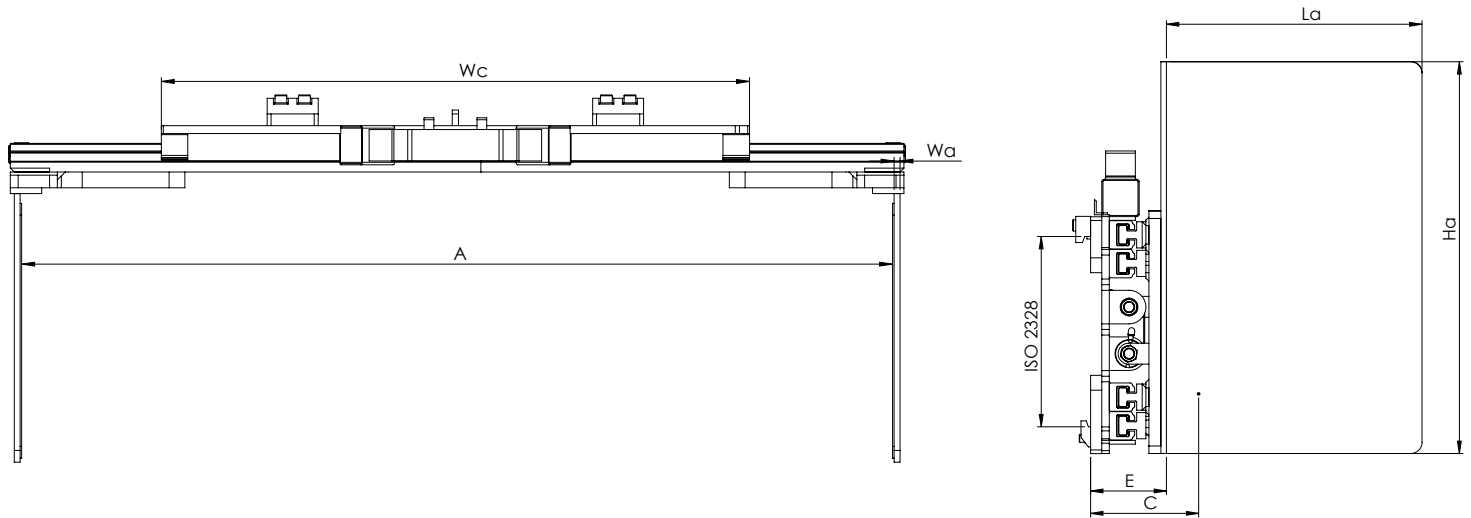
It is used for loading, unloading of white goods such as refrigerator, washing machine, dishwasher and oven without being damaged and stacking them in the warehouse.

The attachment has a pressure gauge.

Our attachments can be used at low pressures.



CARTON CLAMP



PRODUCT CODE	CAPACITY	LOAD CENTER	MOUNTING CLASS	OPENING RANGE	CHASSIS WIDTH	ARM LENGTH	ARM WIDTH	ARM HEIGHT
	Q kg	Lc mm	ISO 2328	A1-A2 mm	Wc mm	La mm	Wa mm	Ha mm
TNR2A-Q07-40.160	700	500	2A	400/1600	1000	800	10	1000
TNR2A-Q07-50.170				500/1700	1000			
TNR2A-Q07-60.180				600/1800	1200			
TNR2A-Q07-45.180				450/1800	1200			
TNR2A-Q07-55.190				550/1900	1200			
TNR2A-Q07-60.200				600/2000	1100			
TNR2A-Q07-50.200				500/2000	1300			
TNR2A-Q12-45.180	1200	500	2A	450/1800	1200	800	15	1000
TNR2A-Q12-50.190				500/1900	1200			
TNR2A-Q12-50.200				500/2000	1300			
TNR2A-Q12-55.210				550/2100	1300			
TNR3A-Q20-45.180	2000	500	3A	450/1800	1200	1000	15	1000
TNR3A-Q20-50.190				500/1900	1200			
TNR3A-Q20-50.200				500/2000	1300			
TNR3A-Q20-55.210				550/2100	1300			
TNR3A-Q20-60.220				600/2200	1300			
TNR3A-Q20-70.230				700/2300	1300			
TNR3A-Q20-80.240				800/2400	1300			
TNR3A-Q20-50.225				500/2250	1450			
TNR3A-Q20-50.235				500/2350	1550			
TNR3A-Q20-50.250				500/2500	1650			

It has one hydraulic function.

It is used for loading, unloading and storage of products in tobacco boxes and cardboard boxes.

In line with the customer's request, attachments with different arm sizes and different opening-closing distances can be produced.

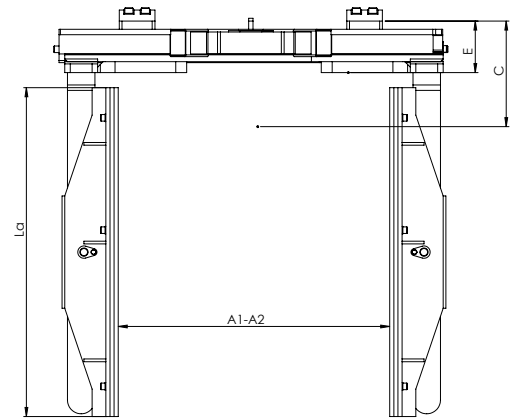
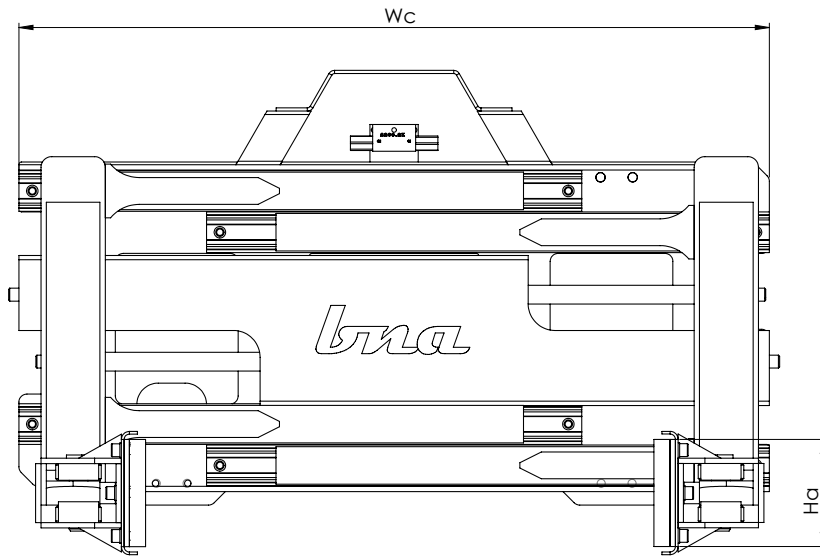
Please contact the customer representative regarding the valves to be used in the attachment.





CONSTRUCTION ATTACHMENTS

BRICK-BLOCK AND KEYSTONE CLAMPS WITH FORKS



PRODUCT CODE	CAPACITY	LOAD CENTER	MOUNTING CLASS	OPENING RANGE	CHASSIS WIDTH	ARM LENGTH	ARM WIDTH	ARM HEIGHT
	Q kg	Lc mm	ISO 2328	A1-A2 mm	Wc mm	La mm	Wa mm	Ha mm
BFC2A-Q16-25.140	1600	500	2A	250/1400	1150	1250	220	170
BFC2A-Q16-30.150				300/1500	1150			
BFC2A-Q16-35.160				350/1600	1200			
BFC2A-Q22-25.140	2200	500	2A / 3A	250/1400	1150	1250	220	170
BFC2A-Q22-30.150				300/1500	1150			
BFC2A-Q22-35.160				350/1600	1200			
BFC2A-Q22-40.170				400/1700	1250			
BFC3A-Q27-25.140	2700	500	3A	250/1400	1150	1250	220	170
BFC3A-Q27-30.150				300/1500	1150			
BFC3A-Q27-35.160				350/1600	1200			
BFC3A-Q27-40.170				400/1700	1250			

It has one hydraulic function.

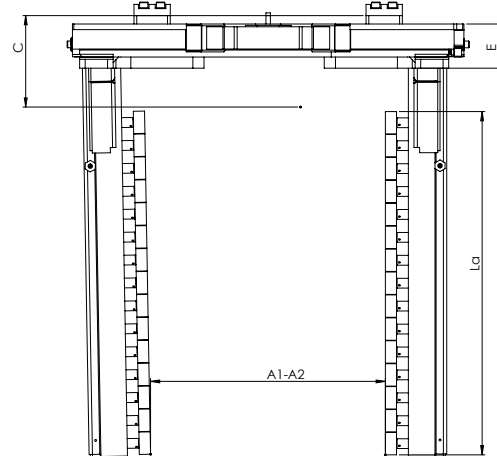
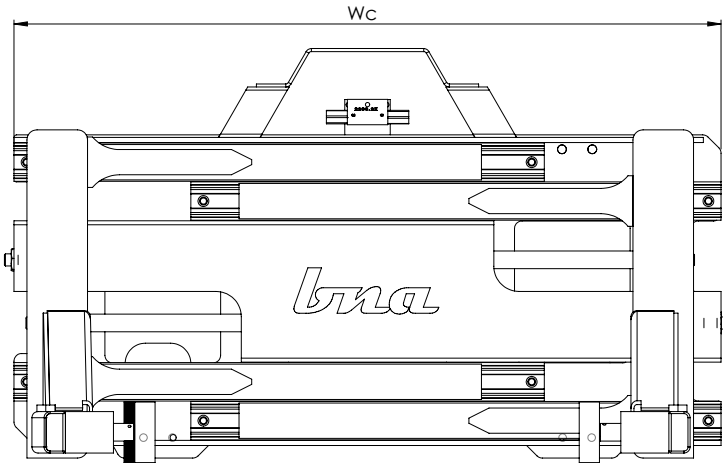
It is used for loading-unloading and stacking of building materials such as pumice, briquette, bordure and hollow blocks.

As the customer wishes, it can be produced with pressure adjustment.

Opening and closing distances are adjusted according to customer request.



BRICK-BLOCK AND KEYSTONE CLAMPS WITH PISTON



PRODUCT CODE	CAPACITY	LOAD CENTER	MOUNTING CLASS	OPENING RANGE	CHASSIS WIDTH	ARM LENGTH	ARM WIDTH	ARM HEIGHT
	Q kg	Lc mm	ISO 2328	A1-A2 mm	Wc mm	La mm	Wa mm	HA mm
BPC2A-Q16-25.140	1600	500	2A	250/1400	1150	1250	180	120
BPC2A-Q16-30.150				300/1500	1150			
BPC2A-Q16-35.160				350/1600	1200			
BPC2A-Q22-25.140	2200	500	2A / 3A	250/1400	1150	1250	180	120
BPC2A-Q22-30.150				300/1500	1150			
BPC2A-Q22-35.160				350/1600	1200			
BPC2A-Q22-40.170				400/1700	1250			
BPC3A-Q27-25.140	2700	500	3A	250/1400	1150	1250	180	120
BPC3A-Q27-30.150				300/1500	1150			
BPC3A-Q27-35.160				350/1600	1200			
BPC3A-Q27-40.170				400/1700	1250			



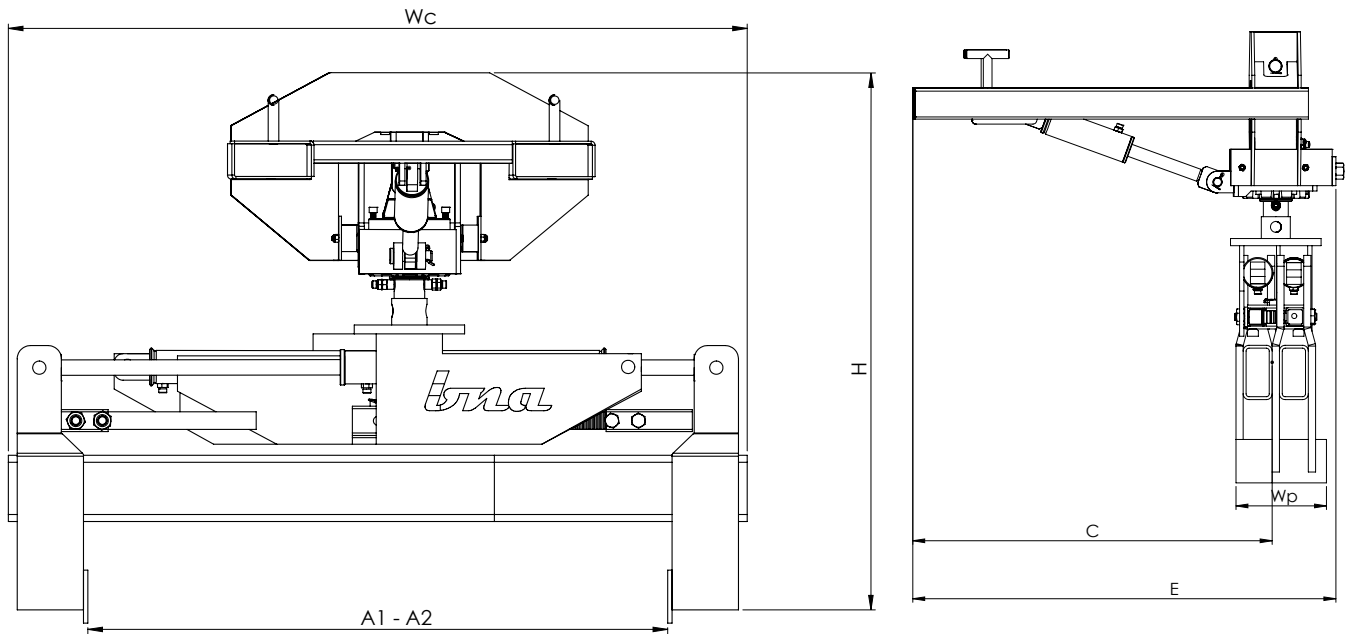
It has one hydraulic function.

It is used for loading-unloading and stacking of building materials such as pumice, briquette, bordure and hollow blocks.

As the customer wishes, it can be produced with pressure adjustment.

Opening and closing distances are adjusted according to customer request.

BORDURE ATTACHMENT

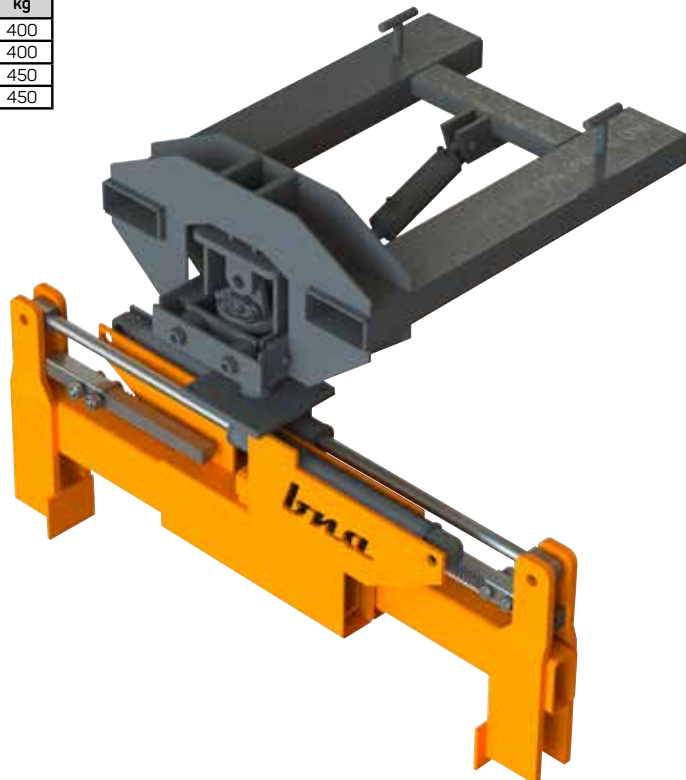


PRODUCT CODE	CAPACITY	LOAD CENTER	MOUNTING CLASS	OPENING RANGE	CHASSIS WIDTH	CHASSIS HEIGHT	ARM THICKNESS	PAD WIDTH	LOST LOAD DISTANCE	CENTER OF GRAVITY	WEIGHT
	Q kg	Lc mm	ISO 2328	A1-A2 mm	Wc mm	La mm	Wa mm	HA mm	E mm	C mm	M kg
BAR2A-Q07-25.145	500	850	2A / 3A	250-1450	1600	1200	1250	250	1150	850	400
BAR2A-Q07-35.155	500			350-1550				250			400
BAR2A-Q07-45.160	750			450-1600				350			450
BAR2A-Q07-55.185	750			550-1850				350			450

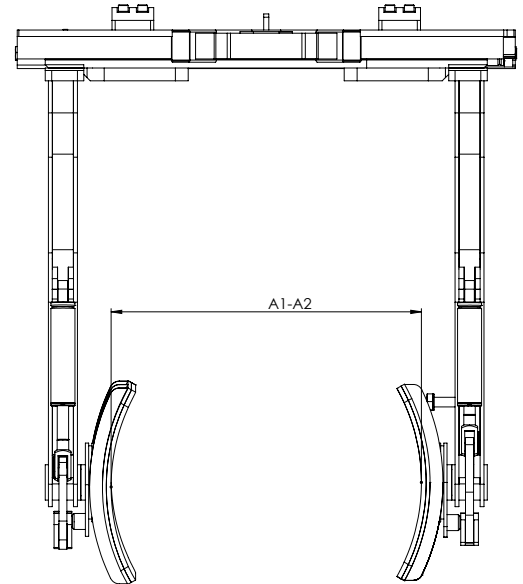
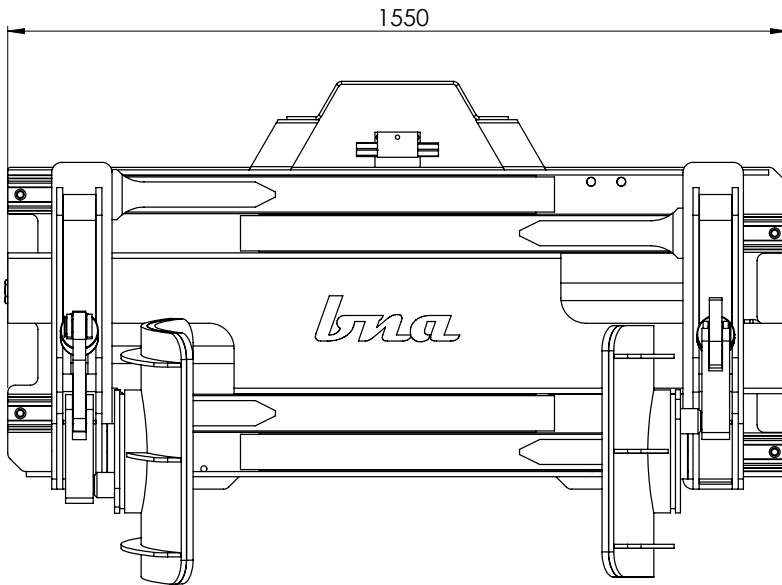
It has one hydraulic function.

It is used for transporting, stacking and loading curbstone, block stone, concrete blocks.

It has 360° infinite rotation in both directions. In this way, the stones can be stacked in the desired position.



CONCRETE ATTACHMENT



PRODUCT CODE	CAPACITY	LOAD CENTER	MOUNTING CLASS	ROLL DIAMETER	CHASSIS WIDTH	ARM LENGTH	LOST LOAD DISTANCE	CENTER OF GRAVITY	WEIGHT
	Q kg	Lc mm	ISO 2328	A1-A2 mm	Wc mm	La mm	E mm	C mm	M kg
CPA3A-Q20-20.100	2000	650	3A/4A	200 - 500	900	1300	188	490	720
CPA3A-Q20-20.101				400 - 800					
CPA3A-Q20-20.102				800 - 1200					

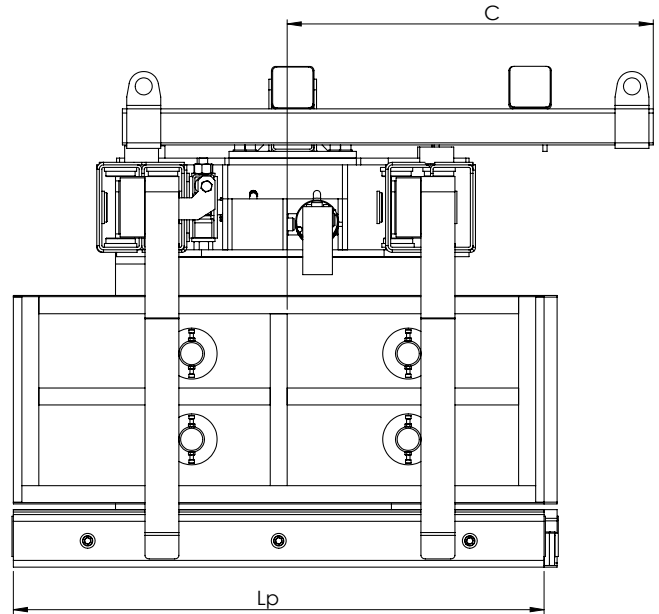
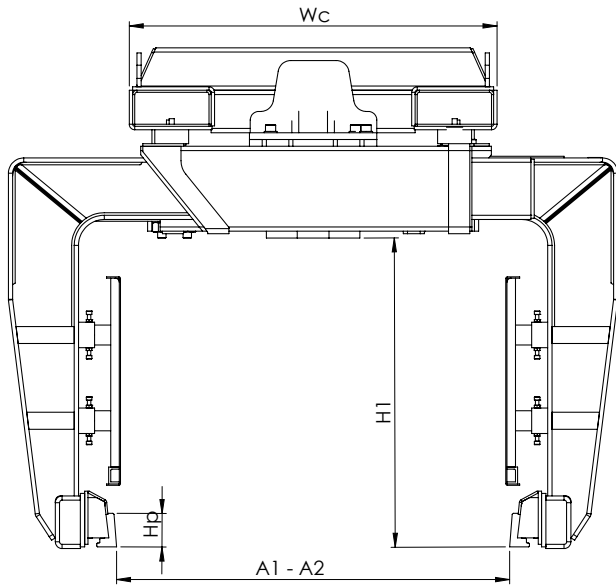
It has one hydraulic function.

It is used for loading, unloading and stacking of concrete in horizontal and vertical positions.

It can load the concrete stacked in the horizontal state vertically on the transport vehicles.



TWO SIDED KEYSTONE CLAMP



PRODUCT CODE	CAPACITY	LOAD CENTER	OPENING RANGE	CHASSIS WIDTH	PAD LENGTH	PAD HEIGHT	PACKAGE DISTANCE	CENTER OF GRAVITY
	Q kg	Lc mm	A1-A2 mm	B mm	L mm	K mm	H mm	D mm
KSC2X-Q15-09	1500	500	600-1400	1040	1200	100	720	925
KSC2X-Q18-11	1800						880	931
KSC2X-Q18-13	2100						1040	945

It has one hydraulic function.

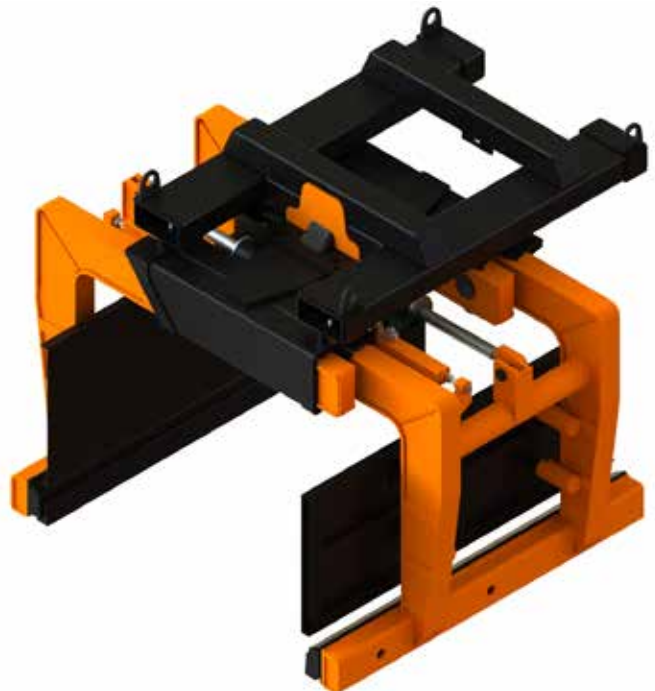
The opening and closing distance of the attachment is adjusted for a total of 36 pieces of stones arranged in a standard 6x6 array.

Production can be made from 9 rows to 15 rows vertically.

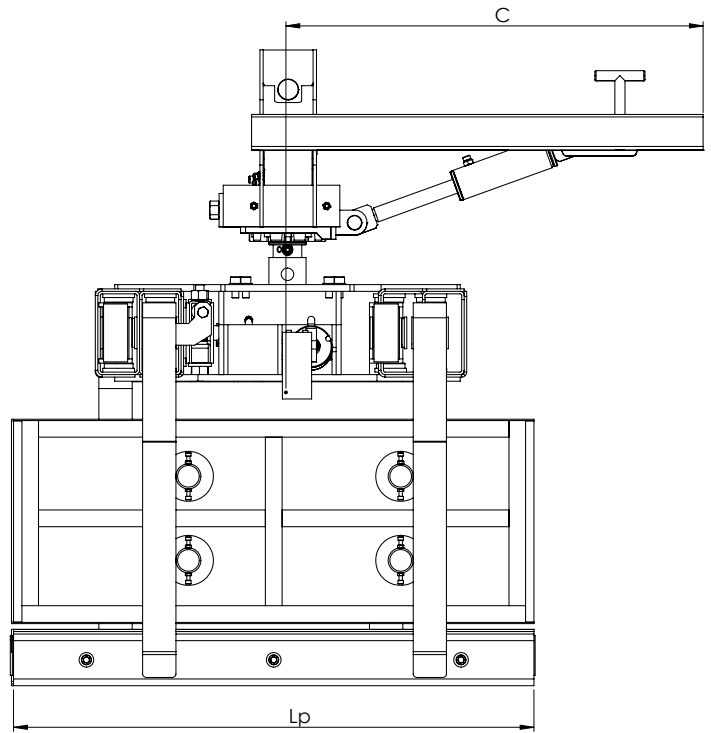
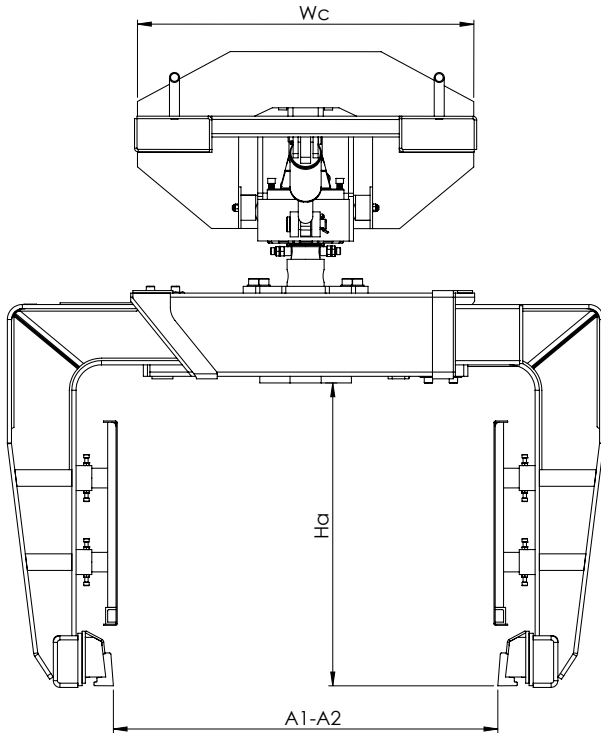
It can be produced in different sizes according to customer requests.

Wedges are produced as rubber and polyurethane in standard sizes according to consumer demand.

Different sizes can be produced as desired.



360° TWO SIDED KEYSTONE CLAMP



PRODUCT CODE	CAPACITY	LOAD CENTER	OPENING RANGE	CHASSIS WIDTH	PAD LENGTH	PAD HEIGHT	PACKAGE DISTANCE	CENTER OF GRAVITY
	Q kg	Lc mm	A1-A2 mm	B mm	L mm	K mm	H mm	D mm
KSC2R-Q15-09	1500						720	925
KSC2R-Q18-11	1800	500	600-1400	1040	1200	100	880	931
KSC2R-Q18-13	2100						1040	945

It has two hydraulic functions.

The opening and closing distance of the attachment is adjusted for a total of 36 pieces of stones arranged in a standard 6x6 array.

Production can be made from 9 rows to 15 rows vertically.

The attachment has the ability to rotate 360°. In side-by-side loading, stacking can be done with no space between the blocks.

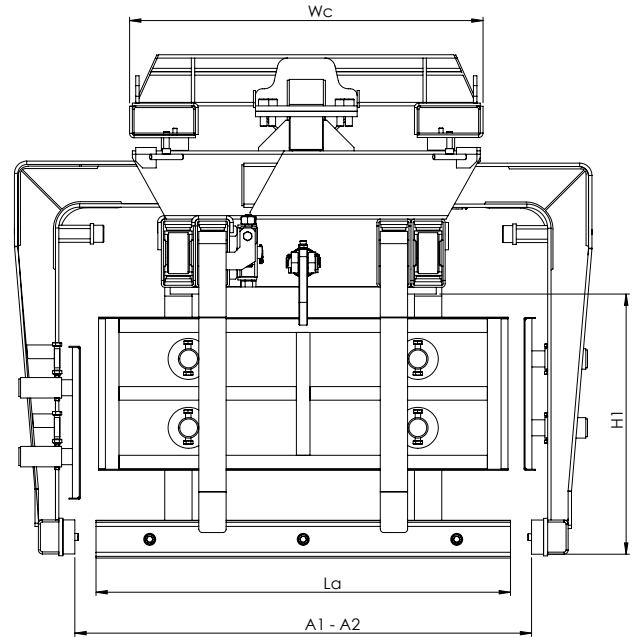
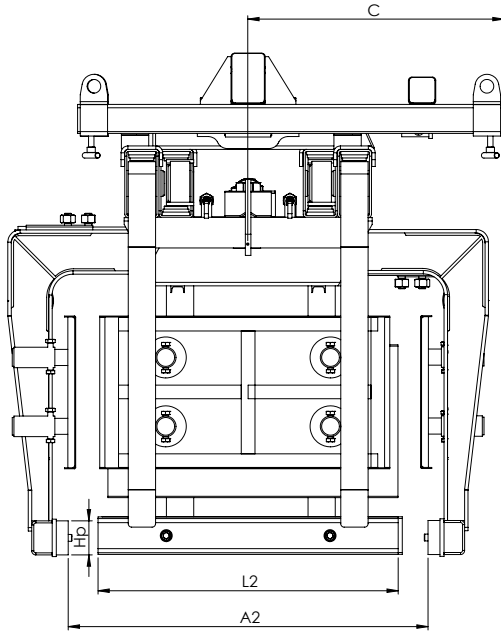
It can be produced in different sizes according to customer requests.

Wedges are produced as rubber and polyurethane in standard sizes according to consumer demand.

Different sizes can be produced as desired.



FOUR SIDED KEYSTONE CLAMP



PRODUCT CODE	CAPACITY	LOAD CENTER	OPENING RANGE		PAD LENGTH		PAD HEIGHT	CHASSIS WIDTH	PACKAGE DISTANCE	CENTER OF GRAVITY	WEIGHT
	Q kg	C mm	A1 mm	A2 mm	La1 mm	La2 mm	Hp mm	Wc mm	H1 mm	D mm	M kg
KSC4X-Q15-09	1500	500	1000-1400	910-1200	1200	880	100	1040	720	942	1240
KSC4X-Q18-11	1800								880	946	1325
KSC4X-Q21-13	2100								1040	950	1380

It has one hydraulic function.

The opening and closing distance of the attachment is adjusted for a total of 36 pieces of stones arranged in a standard 6x6 array.

Production can be made from 9 rows to 15 rows vertically.

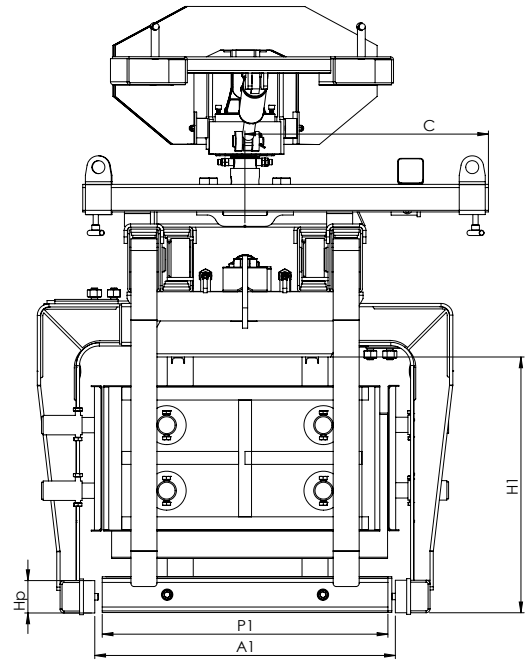
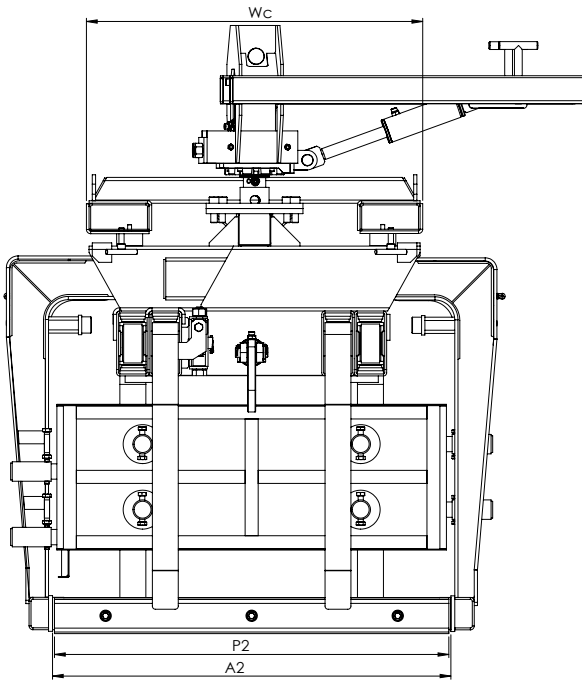
It can be produced in different sizes according to customer requests.

Wedges are produced as rubber and polyurethane in standard sizes according to consumer demand.

Different sizes can be produced as desired.



360° FOUR SIDED KEYSTONE CLAMP



PRODUCT CODE	CAPACITY	LOAD CENTER	OPENING RANGE		PAD LENGTH		PAD HEIGHT	CHASSIS WIDTH	PACKAGE DISTANCE	CENTER OF GRAVITY	WEIGHT
	Q kg	C mm	A1 mm	A2 mm	P1 mm	P2 mm	Hp mm	Wc mm	H1 mm	D mm	M kg
KSC4R-Q15-09	1500	500	1000-1400	910-1200	1200	880	100	1040	720	942	1240
KSC4R-Q18-11	1800								880	946	1325
KSC4R-Q21-13	2100								1040	950	1380

It has two hydraulic functions.

The opening and closing distance of the attachment is adjusted for a total of 36 pieces of stones arranged in a standard 6x6 array.

Production can be made from 9 rows to 15 rows vertically.

It can be produced in different sizes according to customer requests.

Wedges are produced as rubber and polyurethane in standard sizes according to consumer demand.

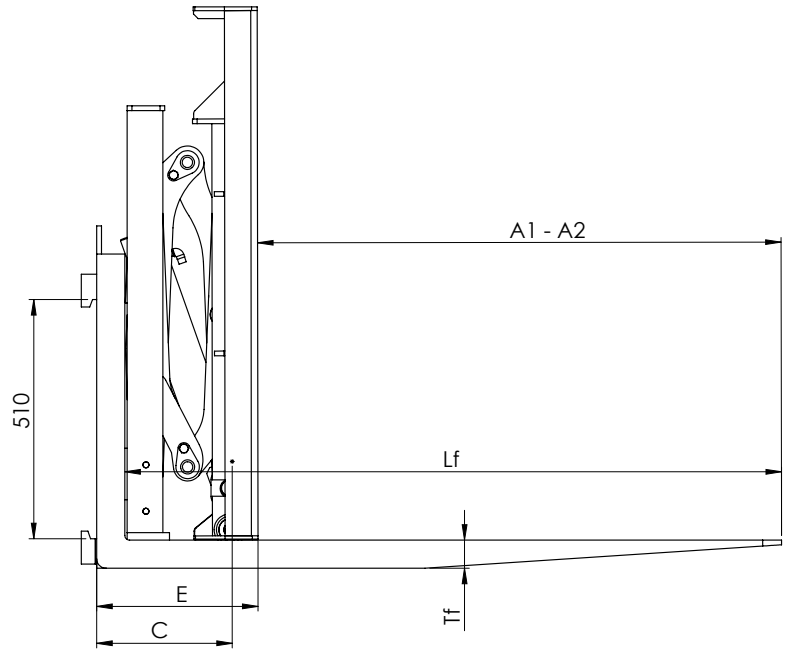
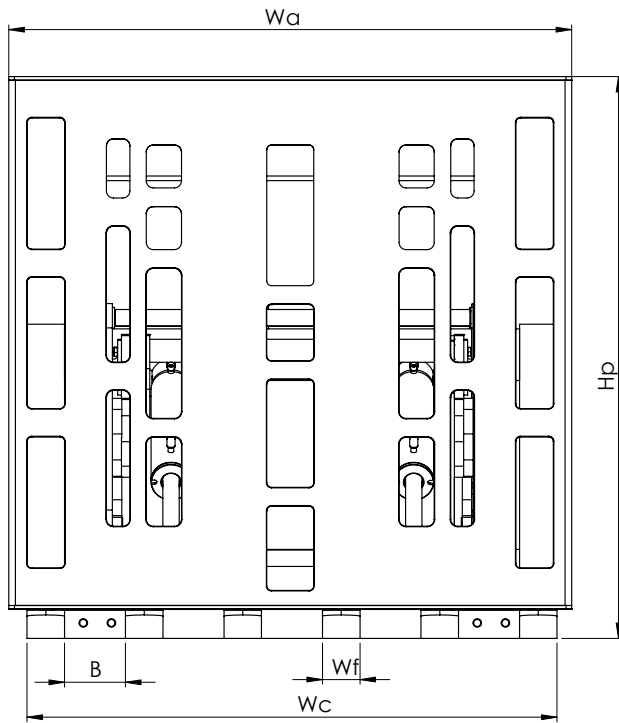
Different sizes can be produced as desired.





PUSH-PULL UNITS

PUSH UNIT ATTACHMENT



PRODUCT CODE	CAPACITY	LOAD CENTER	MOUNTING CLASS	CHASSIS WIDTH	PANEL HEIGHT	PUSH DISTANCE	CLOSED DISTANCE	FORK DISTANCE	FORK DIMENSIONS			CENTER OF GRAVITY	WEIGHT
	Q kg	Lc mm	ISO 2328	A mm	H mm	C mm	K mm	B mm	F2 mm	F1 mm	L mm	D mm	M kg
PUX2A-Q10-1100	1000	500	2A	930	1070	1100	320	120	100	40	1400	289	620
PUX2A-Q10-1100	1500							120	100	40			625
PUX3A-Q10-1100	2000		3A					145	80	60			640
PUX3A-Q10-1100	2500							145	80	60			645
PUX3A-Q10-1100	3000							120	80	60			650

It has one hydraulic function.

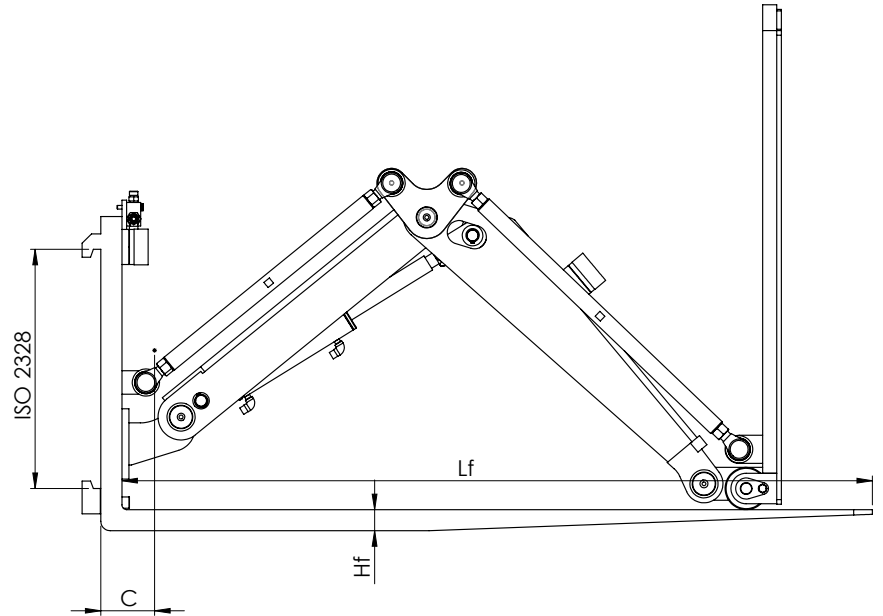
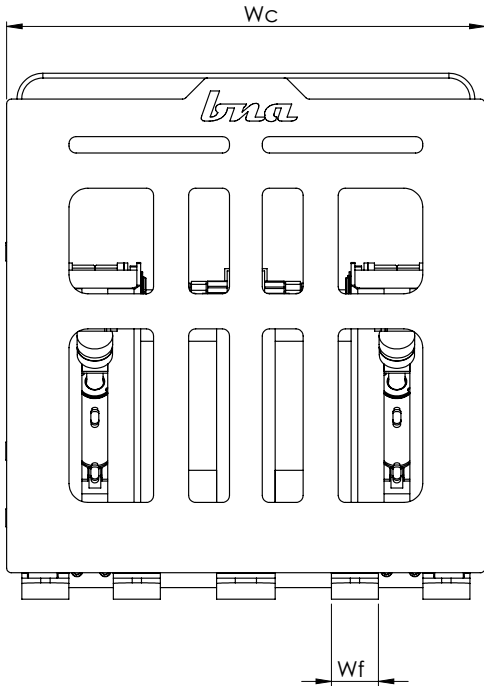
It is used for loading of plaster and similar bags without pallet.

The number and dimensions of the forks in the attachment can be modified according to the customer's request.

It has optional side shifter feature.



PUSH UNIT ATTACHMENT WITH PISTON



PRODUCT CODE	CAPACITY	LOAD CENTER	MOUNTING CLASS	CHASSIS WIDTH	PANEL HEIGHT	PUSH DISTANCE	CLOSED DISTANCE	FORK DISTANCE	FORK DIMENSIONS			CENTER OF GRAVITY	WEIGHT
	Q kg	Lc mm	ISO 2328	A mm	H mm	C mm	K mm	B mm	F2 mm	F1 mm	L mm	D mm	M kg
PUB2A-Q10-110	1000	500	2A	930	1070	1100	320	120	100	40	1400	289	630
PUB2A-Q15-111	1500							120	100	40			630
PUB3A-Q20-112	2000		3A					145	80	60			640
PUB3A-Q25-113	2500							145	80	60			640
PUB3A-Q30-114	3000							120	100	40			650

It has one hydraulic function.

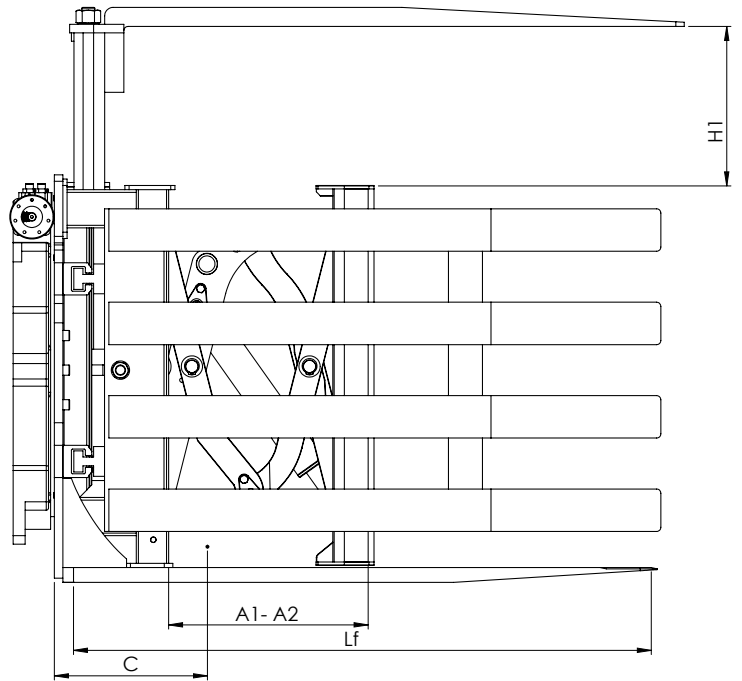
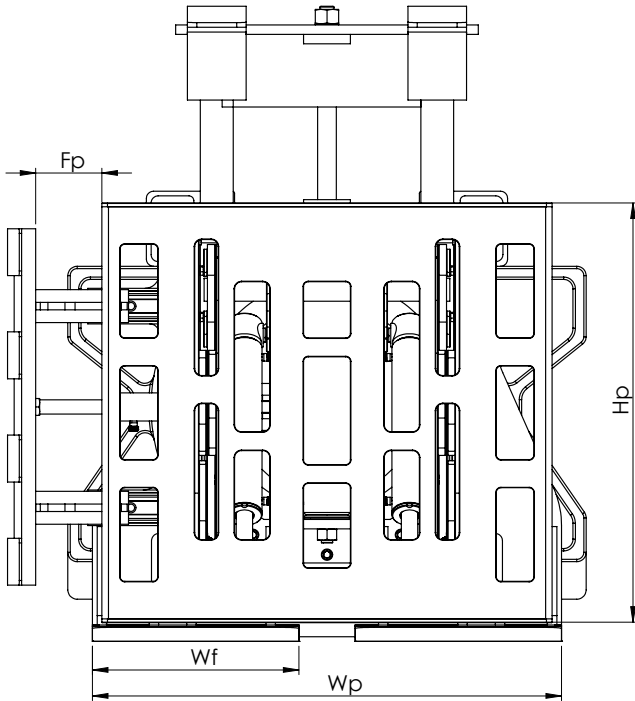
It is used for loading of plaster and similar bags without pallet.

The number and dimensions of the forks in the attachment can be modified according to the customer's request.

It has optional side shifter feature.



360° PUSH UNIT ATTACHMENT



PRODUCT CODE	CAPACITY		LOAD CENTER	MOUNTING CLASS	CHASSIS WIDTH	PANEL HEIGHT	PUSH DISTANCE	CLOSED DISTANCE	FORK DISTANCE	FORK DIMENSIONS			CENTER OF GRAVITY	WEIGHT
	Q kg	Lc mm								F2 mm	F1 mm	L mm	D mm	M kg
PUR2A-Q10-1000	1000	500	2A	1000	1000	1000	420	140	440	35	1400	289		
PUR3A-Q10-3000	3000	500	3A											
PUR4A-Q10-5000	5000	600	4A											

It has one hydraulic function.

It is used for loading of plaster and similar bags without pallet.

The number and dimensions of the forks in the attachment can be modified according to the customer's request.

It has optional side shifter feature.

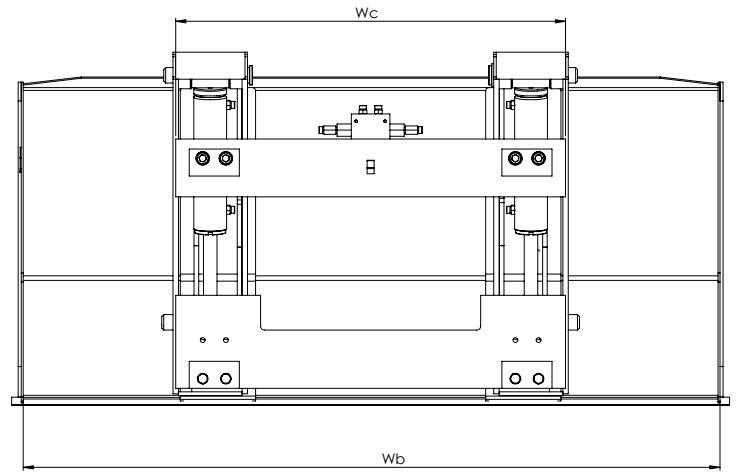
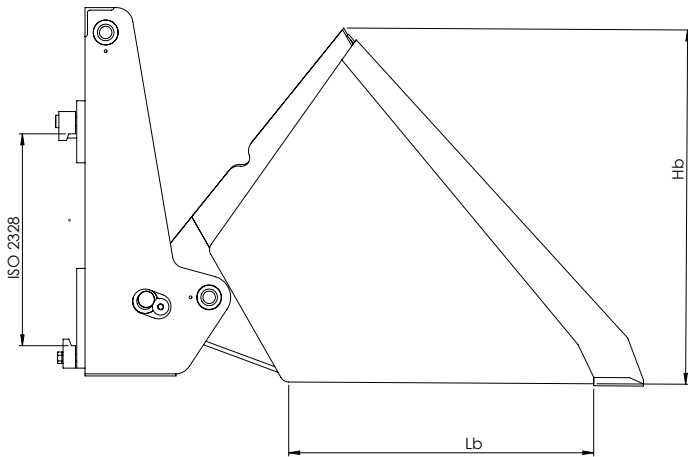






BUCKET ATTACHMENTS

HYDRAULIC BUCKET WITH BOARD (ANGULAR)



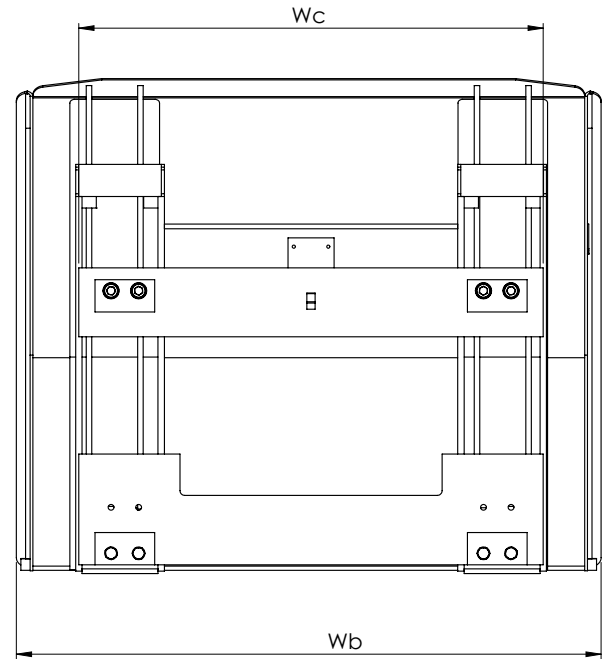
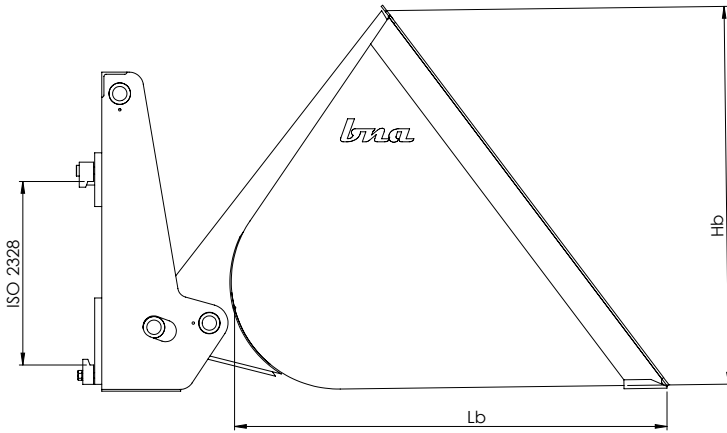
PRODUCT CODE	CAPACITY	MOUNTING CLASS	CHASSIS WIDTH	BUCKET WIDTH	BUCKET HEIGHT	CHASSIS HEIGHT	LOWERED WEIGHT	LENGTH	LOST LOAD DISTANCE	CENTER OF GRAVITY	WEIGHT	
	Q m ³	ISO 2328	Wc mm	Wb mm	Hb mm	Hc mm	Hd mm	L mm	E mm	C mm	M kg	
HBC3A-Q04-800	0.4	2A-3A	820	800	990	875	730	1450	325	450	480	
HBC3A-Q05-900	0.5			900						470	500	
HBC3A-Q07-1250	0.7			1250						480	560	
HBC3A-Q08-1450	0.8			1450						510	580	
HBC3A-Q09-1550	0.9			1550						530	600	
HBC3A-Q10-1600	1			1600						670	650	
HBC3A-Q11-1650	1.1	3A / 4A	1020	1650	1050	910	920	1850		690	710	
HBC3A-Q12-1750	1.2			1750						705	750	
HBC4A-Q14-2050	1.4	4A		2050						710	770	
HBC4A-Q18-2250	1.8			2250						720	820	
HBC4A-Q20-2500	2			2500						745	860	

Specific Weights of Products

Oats	0.45-0.55 t/m ³
Potatoes	0.55-0.75 t/m ³
Wheat	0.70-0.80 t/m ³
Wet sand	1.90-2.10 t/m ³
Dry sand	1.40-1.65 t/m ³
Cement	1.75-1.95 t/m ³
Aluminum (cast-forged)	2.55-2.80 t/m ³
Brass (cast-rolled)	8.40-8.70 t/m ³
Lead ore	7.30-7.60 t/m ³
Gravel	2.76 t/m ³
Fertilizer	1.10-1.30 t/m ³



HYDRAULIC BUCKET WITH BOARD (ROUND)



PRODUCT CODE	CAPACITY	MOUNTING CLASS	CHASSIS WIDTH	BUCKET WIDTH	BUCKET HEIGHT	CHASSIS HEIGHT	LOWERED WEIGHT	LENGTH	LOST LOAD DISTANCE	CENTER OF GRAVITY	WEIGHT
	Q m³	ISO 2328	Wc mm	Wb mm	Hb mm	Hc mm	Hd mm	L mm	E mm	C mm	M kg
HBR3A-Q04-800	0.4	2A-3A	820	800	990	875	730	1450	325	450	480
HBR3A-Q05-900	0.5			900						470	500
HBR3A-Q07-1250	0.7			1250						480	560
HBR3A-Q08-1450	0.8			1450						510	580
HBR3A-Q09-1550	0.9		1020	1550	1050	910	920	530		600	
HBR3A-Q10-1600	1			1600				670		650	
HBR3A-Q11-1650	1.1			1650				690		710	
HBR3A-Q12-1750	1.2			1750				705		750	
HBR4A-Q14-2050	1.4	3A / 4A		2050				710		770	
HBR4A-Q18-2250	1.8	4A		2250				720		820	
HBR4A-Q20-2500	2			2500				745		860	

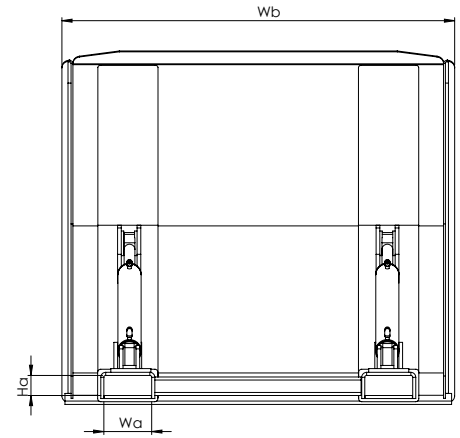
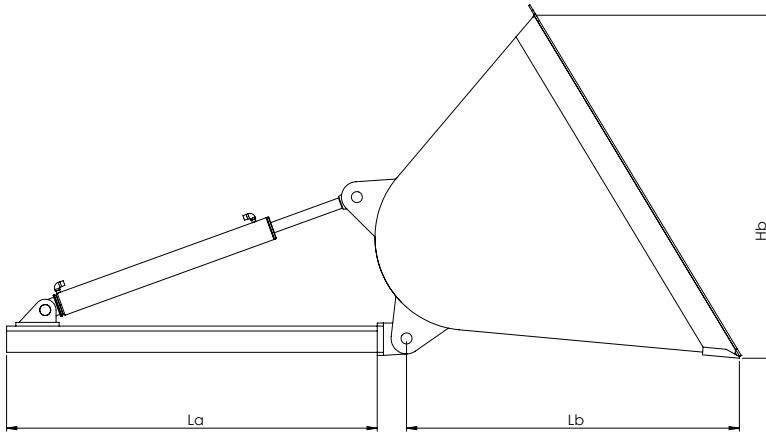
It has one hydraulic function.

It is used for loading and transporting loose materials such as sand, gravel, fertilizer, seeds, cement, pulses and similar materials.

It is recommended that the width of the bucket used is same as or greater than the width of forklift. This way, forklift wheels do not come into contact with the product during loading.



HYDRAULIC BUCKET WITH FORK



PRODUCT CODE	CAPACITY	MOUNTING CLASS	CHASSIS WIDTH	BUCKET WIDTH	BUCKET HEIGHT	CHASSIS HEIGHT	LOWERED WEIGHT	LENGTH	CENTER OF GRAVITY	WEIGHT
	Q m ³	ISO 2328	Wc mm	Wb mm	Hb mm	Hc mm	HD mm	L mm	C mm	M kg
HFC3A-Q04-800	0.4	2A-3A	820	800	990	875	730	2550	1330	480
HFC3A-Q05-900	0.5			900					1345	500
HFC3A-Q07-1250	0.7			1250					1360	560
HFC3A-Q08-1450	0.8			1450					1390	580
HFC3A-Q09-1550	0.9			1550					1425	600
HFC3A-Q10-1600	1			1600	1050	910	920	2950	1475	650

It has one hydraulic function.

It is used for loading and transporting loose materials such as sand, gravel, fertilizer, seeds, cement, pulses and similar materials.

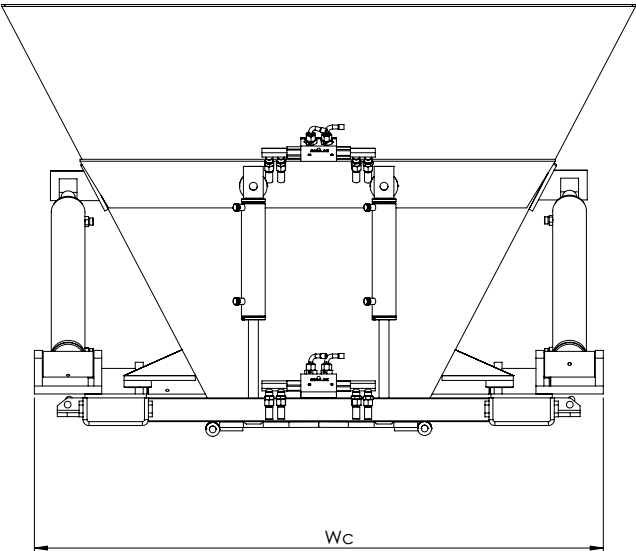
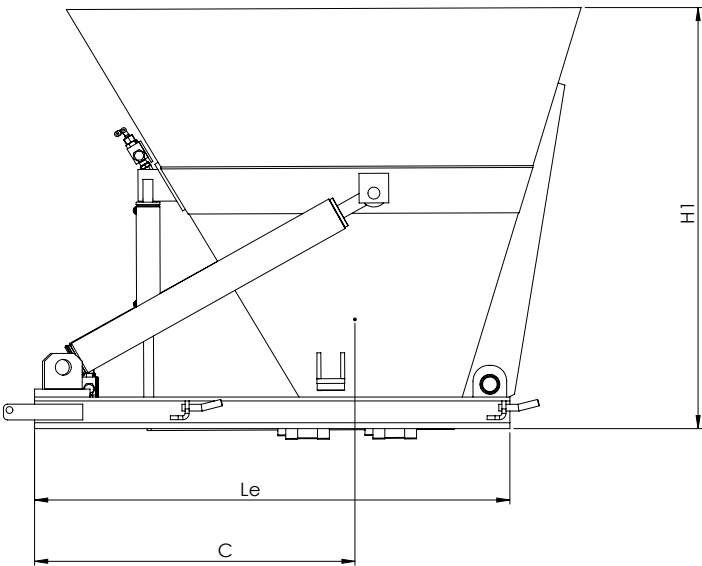
It is recommended that the width of the bucket used is same as or greater than the width of forklift. This way, forklift wheels do not come into contact with the product during loading.

Specific Weights of Products

Oats	0.45-0.55 t/m ³
Potatoes	0.55-0.75 t/m ³
Wheat	0.70-0.80 t/m ³
Wet sand	1.90-2.10 t/m ³
Dry sand	1.40-1.65 t/m ³
Cement	1.75-1.95 t/m ³
Aluminum (cast-forged)	2.55-2.80 t/m ³
Brass (cast-rolled)	8.40-8.70 t/m ³
Lead ore	7.30-7.60 t/m ³
Gravel	2.76 t/m ³
Fertilizer	1.10-1.30 t/m ³



BAG FILLER BUCKET



PRODUCT CODE	KÜBİK CA- PACITY	LOAD CENTER	MOUNTING CLASS	CHASSIS WIDTH	BUCKET WIDTH	FORK WIDTH	BUCKET HEIGHT	BUCKET LENGTH	FORK LENGTH	CENTER OF GRAVITY	WEIGHT
	Q m³	Lc mm	ISO 2328	Wc mm	Wb mm	We mm	Hb mm	Lb mm	Le mm	C mm	M kg
HBB2A-Q05	0.5		2A 3A 4A	1190	1100	145	750	1300	1200	550	435
HBB2A-Q07	0.7				1400		800				515
HBB2A-Q10	1				1600		1050				550
HBB2A-Q12	1.2				1700		1150				590
HBB2A-Q15	1.5				1750		1300				630

It has two hydraulic functions.

It is used for filling bulk materials such as calcite and plaster into big bags.

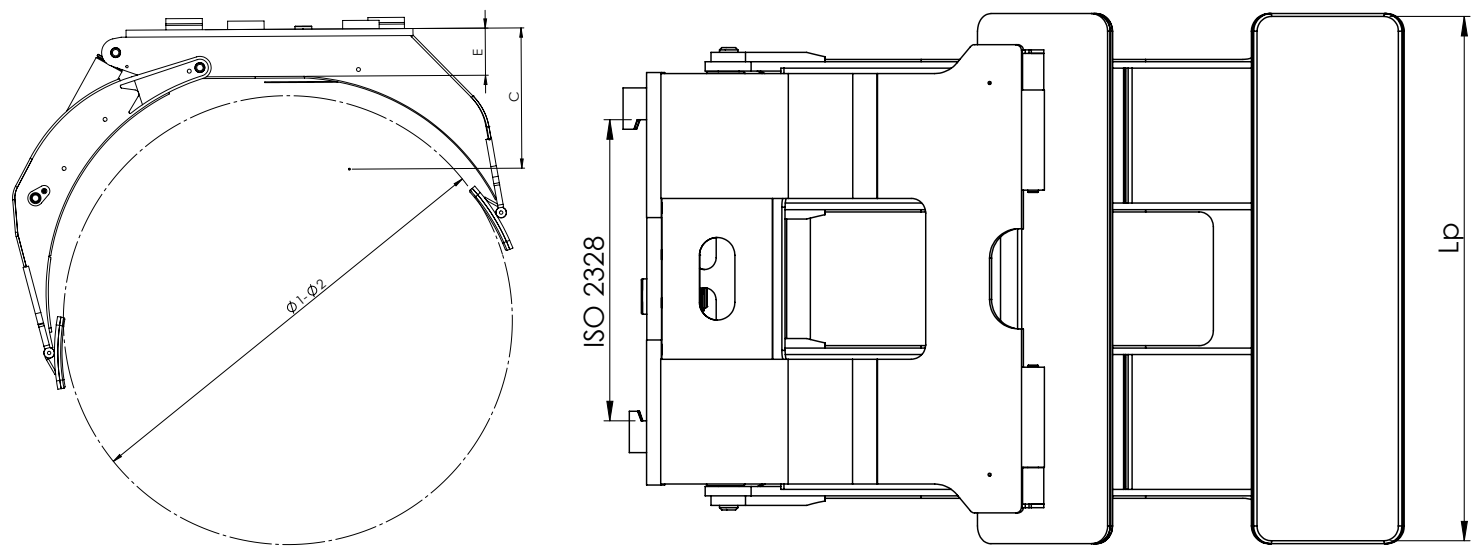
It can be produced in different sizes according to the customer's request.





PAPER ROLL CLAMPS

PAPER ROLL CLAMP



PRODUCT CODE	CAPACITY	LOAD CENTER	MOUNTING CLASS	PAPER ROLL DIAMETER		PAD LENGTH	PAD WIDTH	LOST LOAD DISTANCE	CENTER OF GRAVITY	WEIGHT
	Q kg	Lc mm	ISO 2328	Ø1 mm	Ø2 mm	L mm	C mm	E mm	D mm	M kg
PRC2A-Q15-125	1500	600	2A 3A	250	1250	600	250	195	260	420
PRC2A-Q15-135		650		300	1350				270	405
PRC2A-Q15-145		700		350	1450				280	395
PRC2A-Q15-155		750		400	1550				290	415
PRC2A-Q15-160		800		450	1600				270	405

It has two hydraulic functions.

It is used for loading and unloading of paper bobbins and stacking them in the warehouse.

The short arm is fixed, the long arm is movable.

It has 360° left and right rotation.

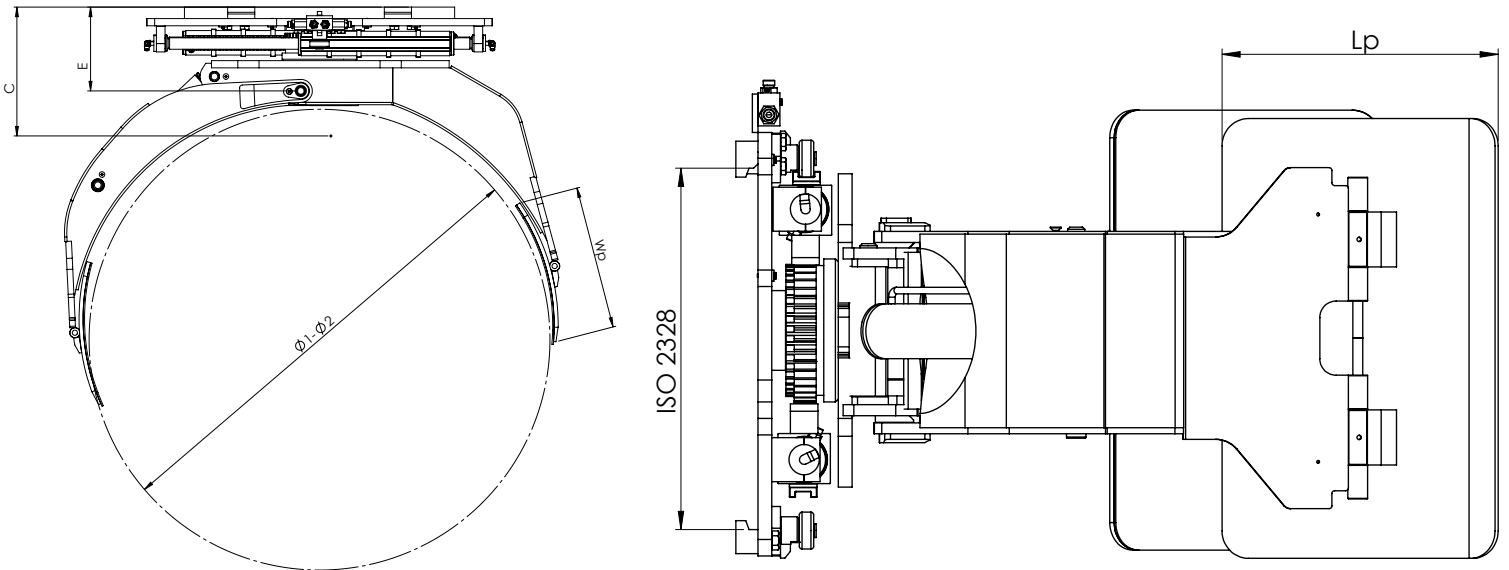
The inside of the holding pads can be optionally coated with rubber metal and polyurethane material.

The dimensions of the pads can be produced in different sizes according to the customer's request.

The system that allows easy attachment and removal of hydraulic hoses is optionally available.



180° PAPER ROLL CLAMP



PRODUCT CODE	CAPACITY	LOAD CENTER	MOUNTING CLASS	PAPER ROLL DIAMETER		PAD LENGTH	PAD WIDTH	LOST LOAD DISTANCE	CENTER OF GRAVITY	WEIGHT
	Q kg	Lc mm	ISO 2328	Ø1 mm	Ø2 mm	L mm	C mm	E mm	D mm	M kg
PRH2A-Q15-125	1500	600	2A/3A	250	1250	600	250	195	260	420
PRH2A-Q15-135		650		300	1350				270	405
PRH2A-Q15-145		700		350	1450				280	395
PRH2A-Q15-155		750		400	1550				290	415
PRH2A-Q15-160		800		450	1600				270	405

It has two hydraulic functions.

It is used for loading and unloading of paper bobbins and stacking them in the warehouse.

The short arm is fixed, the long arm is movable.

It has 360° left and right rotation.

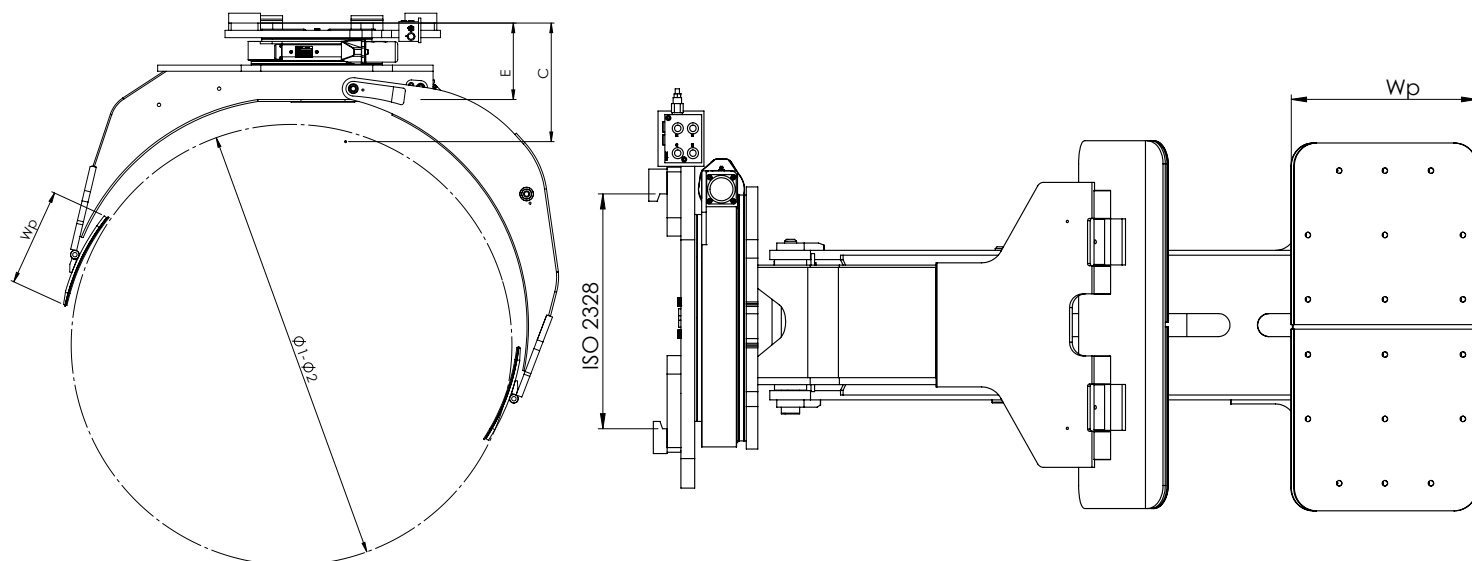
The inside of the holding pads can be optionally coated with rubber metal and polyurethane material.

The dimensions of the pads can be produced in different sizes according to the customer's request.

The system that allows easy attachment and removal of hydraulic hoses is optionally available.



360° SINGLE ARM PAPER ROLL CLAMP



PRODUCT CODE	CAPACITY	LOAD CENTER	MOUNTING CLASS	PAPER ROLL DIAMETER		PAD LENGTH	PAD WIDTH	LOST LOAD DISTANCE	CENTER OF GRAVITY	WEIGHT
	Q kg	Lc mm	ISO 2328	Ø1 mm	Ø2 mm	L mm	C mm	E mm	D mm	M kg
PRS2A-Q15-125	1500	600	2A/3A	250	1250	600	250	195	260	420
PRS2A-Q15-135		650		300	1350				270	405
PRS2A-Q15-145		700		350	1450				280	395
PRS2A-Q15-155		750		400	1550				290	415
PRS2A-Q15-160		800		450	1600				270	405

It has one hydraulic function.

It is used for loading and unloading of paper bobbins and stacking them in the warehouse.

The short arm is fixed, the long arm is movable.

There is no left or right rotation.

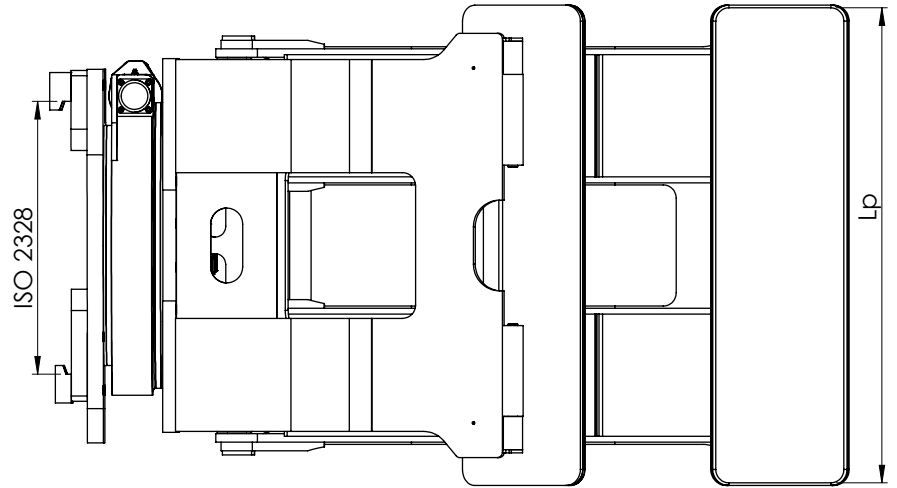
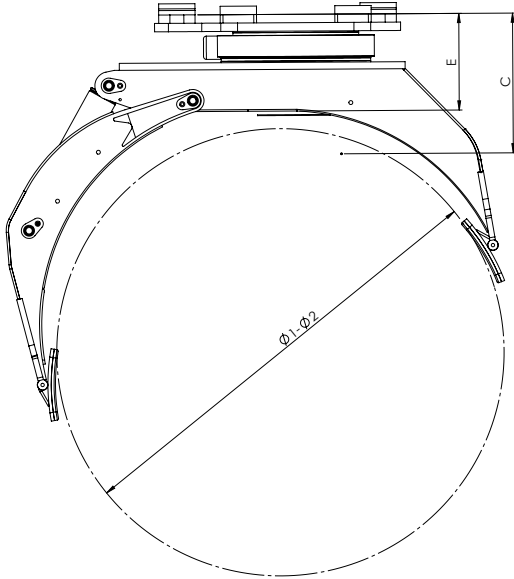
The inside of the holding pads can be optionally coated with rubber metal and polyurethane material.

The dimensions of the pads can be produced in different sizes according to the customer's request.

The system that allows easy attachment and removal of hydraulic hoses is optionally available.



360° DOUBLE ARM PAPER ROLL CLAMP (SHORT ARM FIXED, 2 PADS)



PRODUCT CODE	CAPACITY	LOAD CENTER	MOUNTING CLASS	PAPER ROLL DIAMETER		PAD LENGTH	PAD WIDTH	LOST LOAD DISTANCE	CENTER OF GRAVITY	WEIGHT
	Q kg	Lc mm	ISO 2328	Ø1 mm	Ø2 mm	Wp mm	Lp mm	E mm	C mm	M kg
PRD2A-Q20-35.135	2000	675	2A	350	1350	680	250	195		615
PRD2A-Q20-50.150		750		500	1500			195		610
PRD2A-Q20-65.140		700		650	1400			195		600
PRD2A-Q20-66.183		900		660	1830			195		625
PRD2A-Q20-70.160		800		700	1600			195		610
PRD2A-Q20-100.155		725		1000	1550			195		595
PRD3A-Q30-35.135	3000	675	3A	350	1350	800	350	195		615
PRD3A-Q30-50.150		750		500	1500			195		610
PRD3A-Q30-65.140		700		650	1400			195		600
PRD3A-Q30-66.183		900		660	1830			195		625
PRD3A-Q30-70.160		800		700	1600			195		610
PRD3A-Q30-100.155		725		1000	1550			195		595
PRD4A-Q40-35.135	4000	675	4A	350	1350	1050	450	220		765
PRD4A-Q40-50.150		750		500	1500			220		760
PRD4A-Q40-65.140		700		650	1400			220		750
PRD4A-Q40-66.183		900		660	1830			220		775
PRD4A-Q40-70.160		800		700	1600			220		760
PRD4A-Q40-80.180		900		800	1800			220		
PRD4A-Q40-90.190		950		900	1900			220		
PRD4A-Q40-100.185		725		1000	1850			220		745
PRD4A-Q40-100.210		1050		1000	2100					
PRD4A-Q50-35.135	5000	675	4A	350	1350	1050	450	220		765
PRD4A-Q50-50.150		750		500	1500			220		760
PRD4A-Q50-65.140		700		650	1400			220		750
PRD4A-Q50-66.183		900		660	1830			220		775
PRD4A-Q50-70.160		800		700	1600			220		760
PRD4A-Q50-80.180		900		800	1800			220		
PRD4A-Q50-90.190		925		900	1900			220		
PRD4A-Q50-100.185		725		1000	1850			220		745
PRD4A-Q50-100.210		1050		1000	2100			220		

It has two hydraulic functions.

It is used for loading and unloading of paper bobbins and stacking them in the warehouse.

The short arm is fixed, the long arm is movable.

It has 360° left and right rotation.

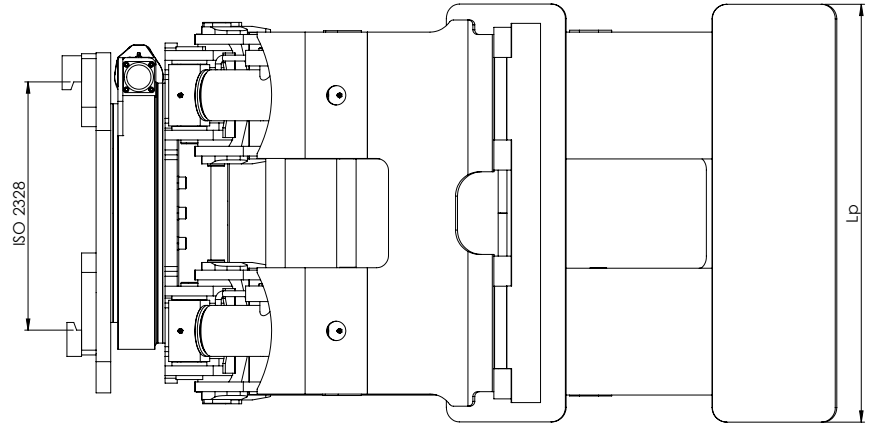
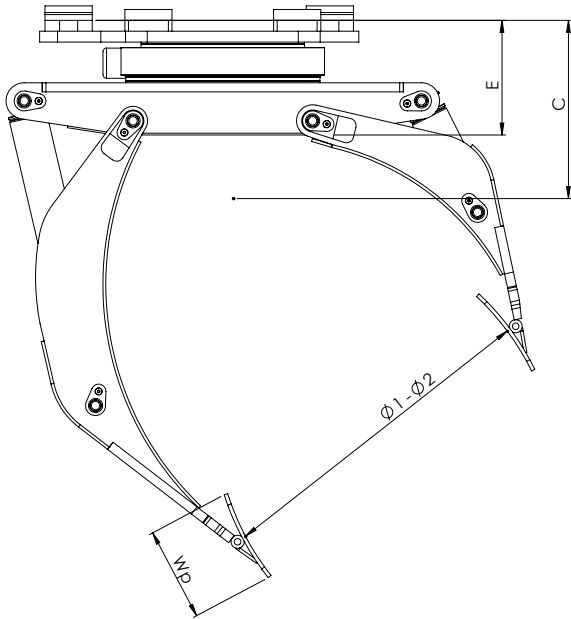
The inside of the holding pads can be optionally coated with rubber metal and polyurethane material.

The dimensions of the pads can be produced in different sizes according to the customer's request.

The system that allows easy attachment and removal of hydraulic hoses is optionally available.



360° DOUBLE ARM PAPER ROLL CLAMP (SHORT ARM MOBILE, 2 PADS)



PRODUCT CODE	CAPACITY	LOAD CENTER	MOUNTING CLASS	PAPER ROLL DIAMETER		PAD LENGTH	PAD WIDTH	LOST LOAD DISTANCE	CENTER OF GRAVITY	WEIGHT
	Q kg	Lc mm	ISO 2328	Ø1 mm	Ø2 mm	L mm	C mm	D mm	E mm	M kg
PRM2A-Q15-25.125	1500	600	2A	250	1250	650	250	190	210	500
PRM2A-Q15-30.135		650		300	1350				228	515
PRM2A-Q15-35.145		700		350	1450				235	525
PRM2A-Q15-40.155		750		400	1550				240	540
PRM2A-Q15-45.160		800		450	1600				255	555
PRM2A-Q20-25.125	2000	600	2A / 3A	250	1250	650	250	190	210	500
PRM2A-Q20-30.135		650		300	1350				228	515
PRM2A-Q20-35.145		700		350	1450				235	525
PRM2A-Q20-40.155		750		400	1550				240	540
PRM2A-Q20-45.160		800		450	1600				255	555
PRM3A-Q25-25.125	2500	600	2A / 3A	250	1250	850	250	200	220	690
PRM3A-Q25-30.135		650		300	1350				240	700
PRM3A-Q25-35.145		700		350	1450				250	725
PRM3A-Q25-40.155		750		400	1550				265	735
PRM3A-Q25-45.160		800		450	1600				262	745
PRM3A-Q25-50.175		850		500	1750				283	750
PRM3A-Q30-25.125	3500	600	3A / 4A	250	1250	1050	250	220	325	910
PRM3A-Q30-30.135		650		300	1350				330	925
PRM3A-Q30-35.145		700		350	1450				340	955
PRM3A-Q30-40.155		750		400	1550				360	975
PRM3A-Q30-45.160		800		450	1600				370	1040
PRM3A-Q30-50.175		850		500	1750				380	1080
PRM3A-Q30-65.190		950		650	1900				385	1135
PRM3A-Q30-80.200		1000		800	2000				395	1185

It has two hydraulic functions.

It is used for loading and unloading of paper bobbins and stacking them in the warehouse.

The short arm is fixed, the long arm is movable.

It has 360° left and right rotation.

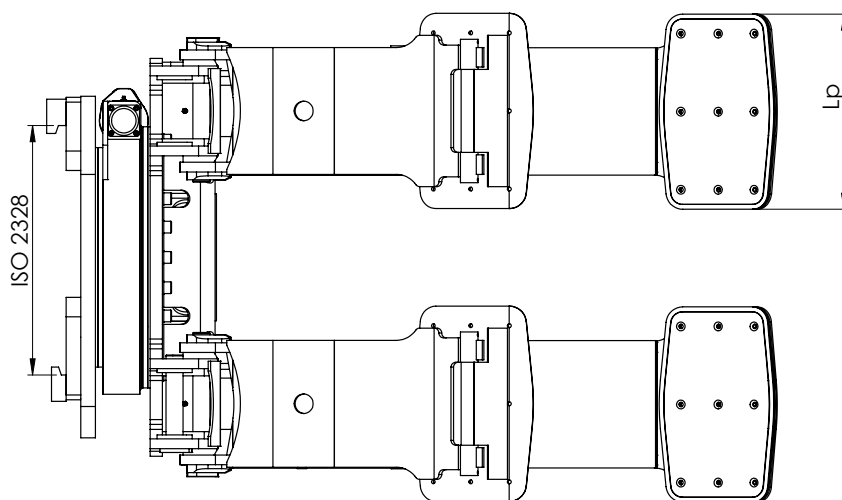
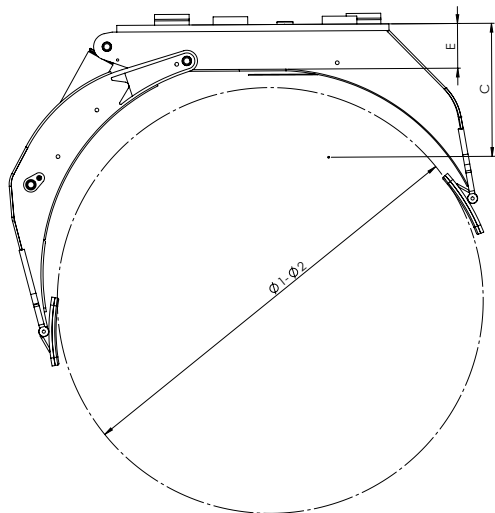
The inside of the holding pads can be optionally coated with rubber metal and polyurethane material.

The dimensions of the pads can be produced in different sizes according to the customer's request.

The system that allows easy attachment and removal of hydraulic hoses is optionally available.



360° DOUBLE ARM PAPER ROLL CLAMP (SHORT ARM FIXED, 4 PADS)



PRODUCT CODE	CAPACITY	LOAD CENTER	MOUNTING CLASS	PAPER ROLL DIAMETER		PAD LENGTH	PAD WIDTH	LOST LOAD DISTANCE	CENTER OF GRAVITY	WEIGHT
	Q kg	Lc mm	ISO 2328	Ø1 mm	Ø2 mm	Wp mm	Lp mm	E mm	C mm	M kg
PRB2A-Q20-35.135	2000	675	2A	350	1350	350	250	195		615
PRB2A-Q20-50.150		750		500	1500			195		610
PRB2A-Q20-65.140		700		650	1400			195		600
PRB2A-Q20-66.183		900		660	1830			195		625
PRB2A-Q20-70.160		800		700	1600			195		610
PRB2A-Q20-100.155		725		1000	1550			195		595
PRB3A-Q30-35.135	3000	675	3A	350	1350	350	350	195		615
PRB3A-Q30-50.150		750		500	1500			195		610
PRB3A-Q30-65.140		700		650	1400			195		600
PRB3A-Q30-66.183		900		660	1830			195		625
PRB3A-Q30-70.160		800		700	1600			195		610
PRB3A-Q30-100.155		725		1000	1550			195		595
PRB4A-Q40-35.135	4000	675	4A	350	1350	350	450	220		765
PRB4A-Q40-50.150		750		500	1500			220		760
PRB4A-Q40-65.140		700		650	1400			220		750
PRB4A-Q40-66.183		900		660	1830			220		775
PRB4A-Q40-70.160		800		700	1600			220		760
PRB4A-Q40-80.180		900		800	1800			220		
PRB4A-Q40-90.190		950		900	1900			220		
PRB4A-Q40-100.185		725		1000	1850			220		745
PRB4A-Q40-100.210		1050		1000	2100					
PRB4A-Q50-35.135	4000	675	4A	350	1350	350	450	220		765
PRB4A-Q50-50.150		750		500	1500			220		760
PRB4A-Q50-65.140		700		650	1400			220		750
PRB4A-Q50-66.183		900		660	1830			220		775
PRB4A-Q50-70.160		800		700	1600			220		760
PRB4A-Q50-80.180		900		800	1800			220		
PRB4A-Q50-90.190		925		900	1900			220		
PRB4A-Q50-100.185		725		1000	1850			220		745
PRB4A-Q50-100.210		1050		1000	2100			220		



It has two hydraulic functions.

It is used for loading and unloading of paper bobbins and stacking them in the warehouse.

The short arm is fixed, the long arm is movable.

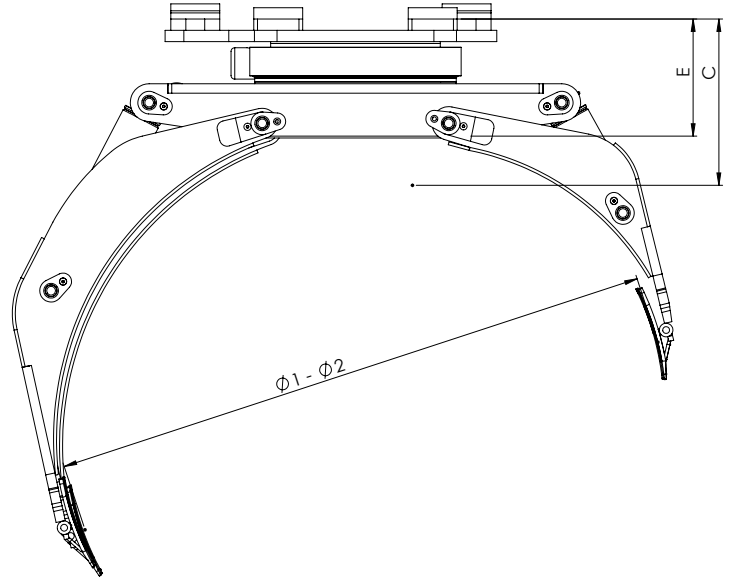
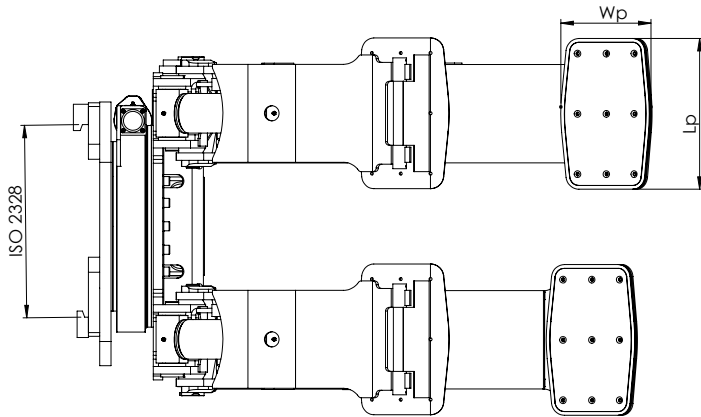
It has 360° left and right rotation.

The inside of the holding pads can be optionally coated with rubber metal and polyurethane material.

The dimensions of the pads can be produced in different sizes according to the customer's request.

The system that allows easy attachment and removal of hydraulic hoses is optionally available.

360° DOUBLE ARM PAPER ROLL CLAMP (SHORT ARM MOBILE, 4 PADS)



PRODUCT CODE	CAPACITY	LOAD CENTER	MOUNTING CLASS	PAPER ROLL DIAMETER		PAD LENGTH	PAD WIDTH	LOST LOAD DISTANCE	CENTER OF GRAVITY	WEIGHT
	Q kg	Lc mm	ISO 2328	Ø1 mm	Ø2 mm	L mm	C mm	D mm	E mm	M kg
PRE2A-Q15-25.125	1500	600	2A	250	1250	650	250	190	210	500
PRE2A-Q15-30.135		650		300	1350				228	515
PRE2A-Q15-35.145		700		350	1450				235	525
PRE2A-Q15-40.155		750		400	1550				240	540
PRE2A-Q15-45.160		800		450	1600				255	555
PRE2A-Q20-25.125	2000	600	2A	250	1250	650	250	190	210	500
PRE2A-Q20-30.135		650		300	1350				228	515
PRE2A-Q20-35.145		700		350	1450				235	525
PRE2A-Q20-40.155		750		400	1550				240	540
PRE2A-Q20-45.160		800		450	1600				255	555
PRE3A-Q25-25.125	2500	600	2A	250	1250	850	250	200	220	690
PRE3A-Q25-30.135		650		300	1350				240	700
PRE3A-Q25-35.145		700		350	1450				250	725
PRE3A-Q25-40.155		750		400	1550				265	735
PRE3A-Q25-45.160		800		450	1600				262	745
PRE3A-Q25-50.175		850		500	1750				283	750
PRE3A-Q30-25.125	3500	600	3A	250	1250	1050	250	220	325	910
PRE3A-Q30-30.135		650		300	1350				330	925
PRE3A-Q30-35.145		700		350	1450				340	955
PRE3A-Q30-40.155		750		400	1550				360	975
PRE3A-Q30-45.160		800		450	1600				370	1040
PRE3A-Q30-50.175		850	4A	500	1750				380	1080
PRE3A-Q30-65.190		950		650	1900				385	1135
PRE3A-Q30-80.200		1000		800	2000				395	1185

It has two hydraulic functions.

It is used for loading and unloading of paper bobbins and stacking them in the warehouse.

The short arm is fixed, the long arm is movable.

It has 360° left and right rotation.

The inside of the holding pads can be optionally coated with rubber metal and polyurethane material.

The dimensions of the pads can be produced in different sizes according to the customer's request.

The system that allows easy attachment and removal of hydraulic hoses is optionally available.

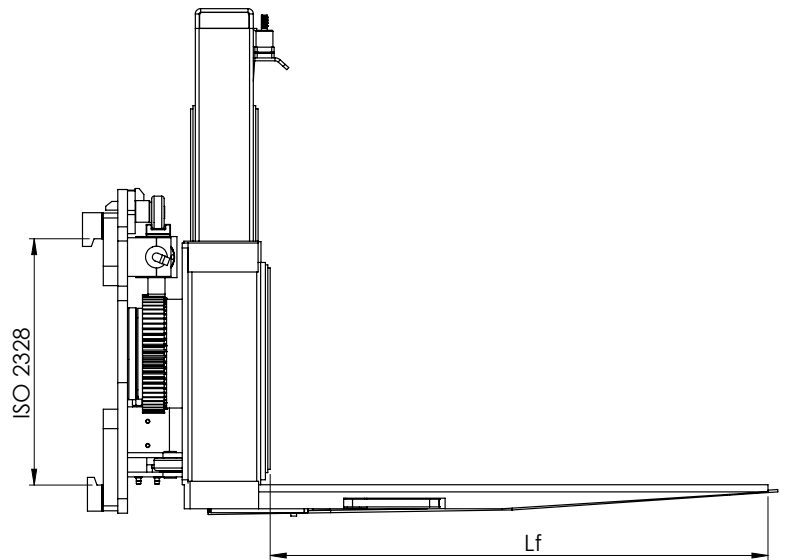
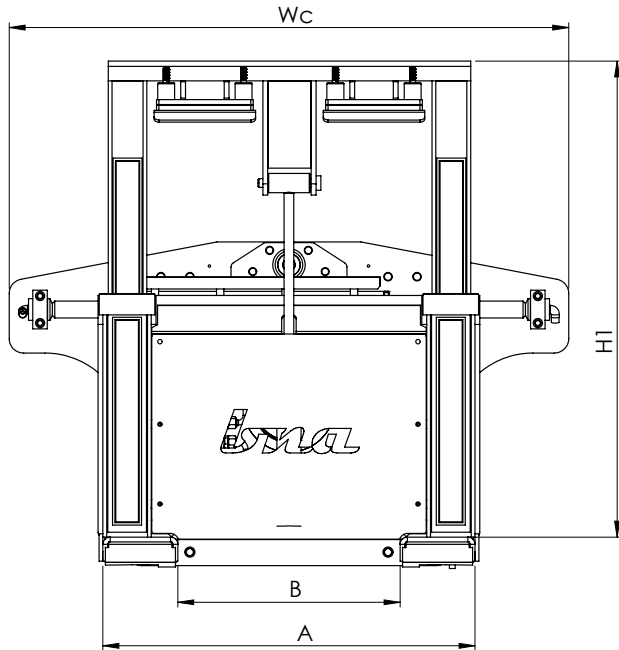






180° BOX ATTACHMENTS

180° BOX ATTACHMENT WITH FLAP



PRODUCT CODE	CAPACITY	LOAD CENTER	MOUNTING CLASS	CHASSIS WIDTH	FORK DISTANCE (INNER TO INNER)	FORK DISTANCE (OUTER TO OUTER)	CLAMP RANGE	FORK LENGTH	LOAD DISTANCE	CENTER OF GRAVITY	WEIGHT
	Q kg	Lc mm	ISO 2328	Wc mm	B mm	A mm	H1-H2 mm	Lf mm	E mm	C mm	M kg
RBW2A-Q15-42-770	1500	600	2A	1200	460	770	420 - 770	1200	345	240	345
RBW2A-Q15-62-970			3A				640 - 900				350

It has one hydraulic function.

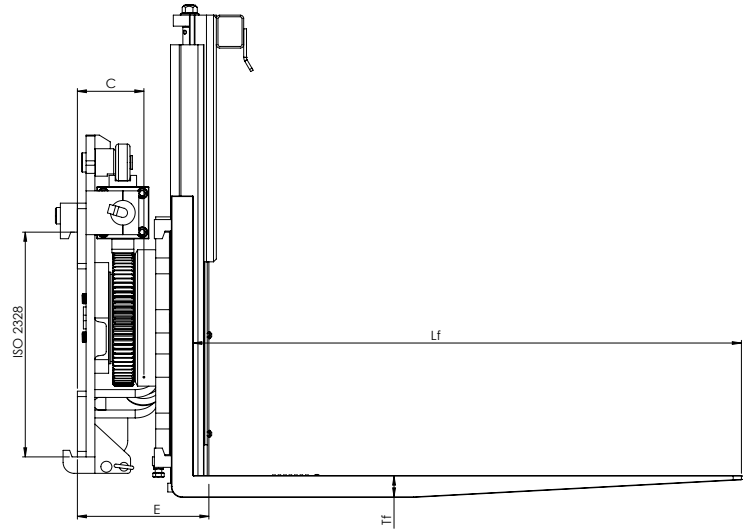
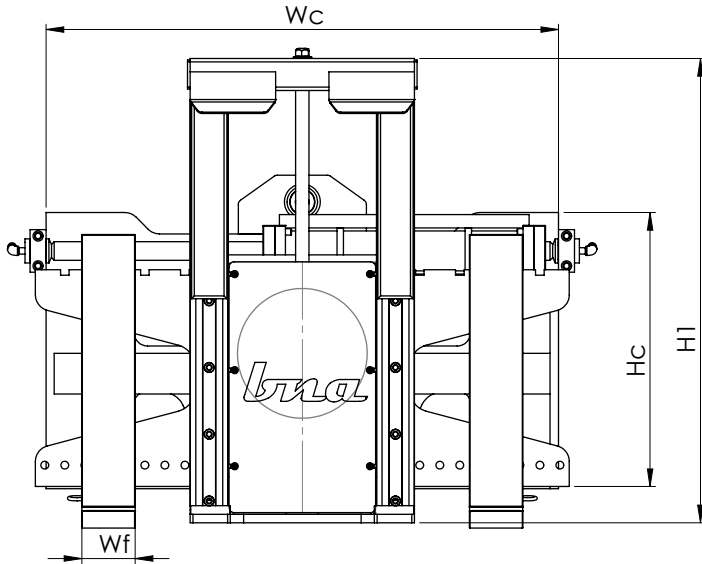
With one hydraulic function, it performs compression from the top, opening the wings from the sides and turning them respectively.

It is used for transportation of fruits such as olives, figs, apricots, pomegranates and apples and pouring them into processing chambers.

Thanks to the wings in the forks, the crate is prevented from falling during tilting.



180° BOX ATTACHMENT WITHOUT FLAP



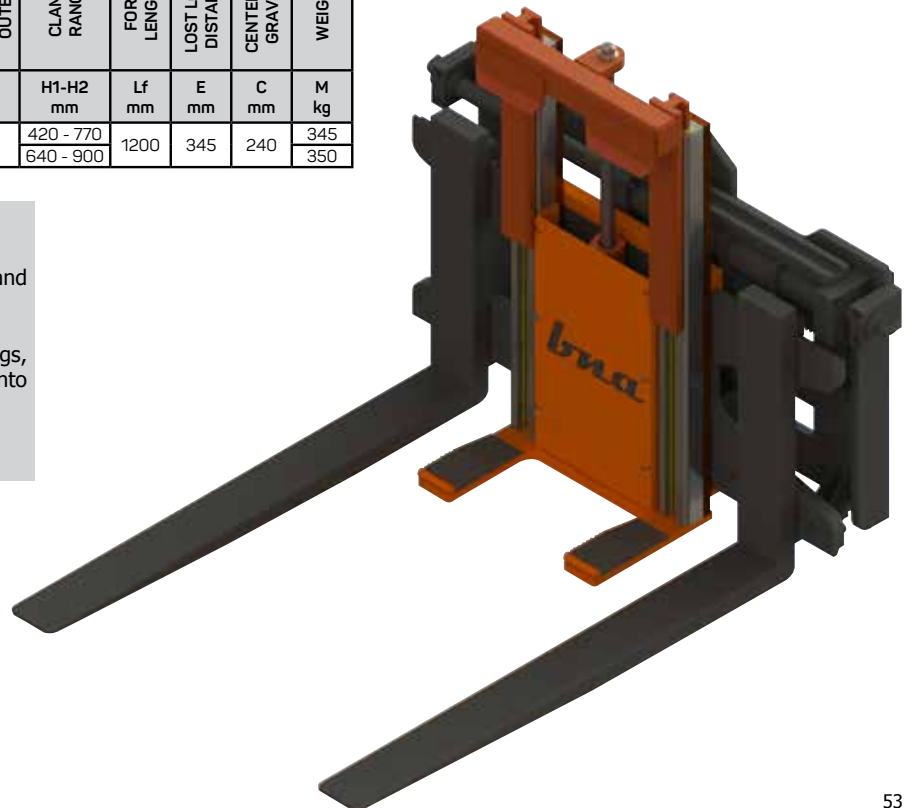
PRODUCT CODE	CAPACITY	LOAD CENTER	MOUNTING CLASS	CHASSIS WIDTH	FORK DISTANCE (INNER TO INNER)	FORK DISTANCE (OUTER TO OUTER)	CLAMP RANGE	FORK LENGTH	LOST LOAD DISTANCE	CENTER OF GRAVITY	WEIGHT
	Q kg	Lc mm	ISO 2328	Wc mm	B mm	A mm	H1-H2 mm	Lf mm	E mm	C mm	M kg
RBC2A-Q15-42.770	1500	600	2A	1200	460	770	420 - 770	1200	345	240	345
RBC2A-Q15-62.970			3A				640 - 900				350

It has one hydraulic function.

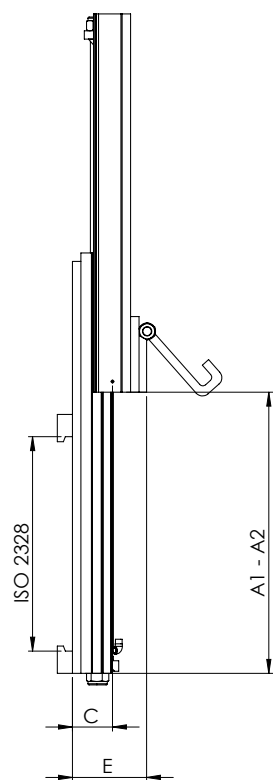
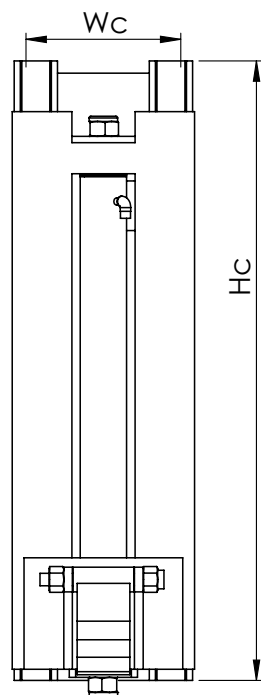
With one hydraulic function, it performs top compression and rotation operations respectively.

It is used for transportation of fruits such as olives, figs, apricots, pomegranates and apples and pouring them into processing chambers.

Forks of forklift are used.



LIFTING HOOK



PRODUCT CODE	CAPACITY	MOUNTING CLASS	CHASSIS WIDTH	CHASSIS HEIGHT	LIFTING DISTANCE	LOST LOAD DISTANCE	CENTER OF GRAVITY	WEIGHT
	Q kg	ISO 2328	Wc mm	Hc mm	A1 mm	E mm	C mm	M kg
FHA2A-Q10-650	1000	2A	300	950	650	158	60	195
FHA3A-Q15-650	1500	3A					62	215
FHA3A-Q20-650	2000	3A					65	215
FHA3A-Q10-1000	1000	2A	300	1300	1000	158	60	215
FHA3A-Q15-1000	1500	3A					62	215
FHA3A-Q20-1000	2000	3A					65	215

It has one hydraulic function.

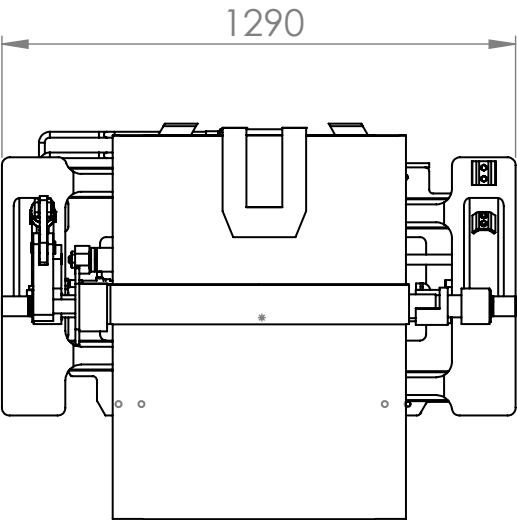
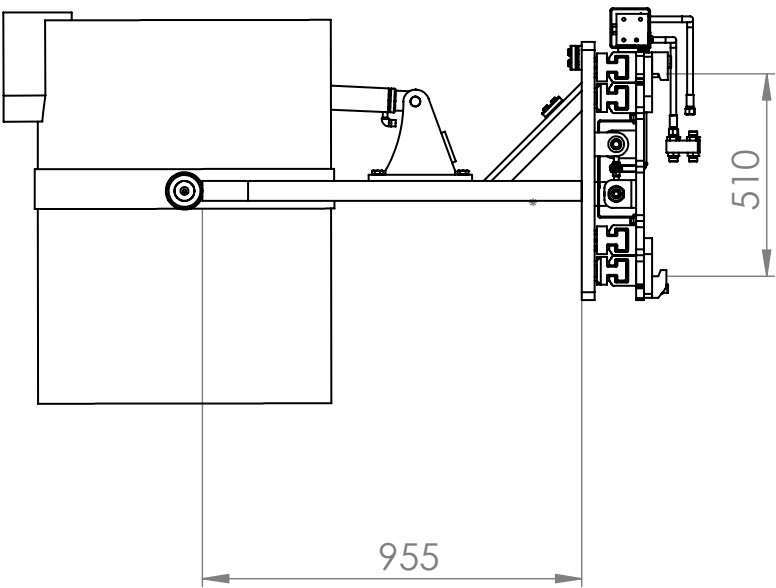






DRUM ATTACHMENTS

MELTING POT ATTACHMENT



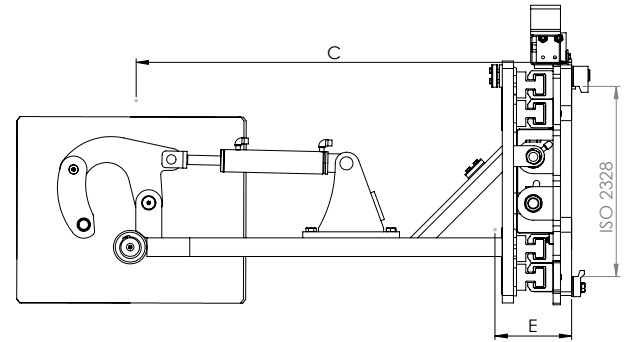
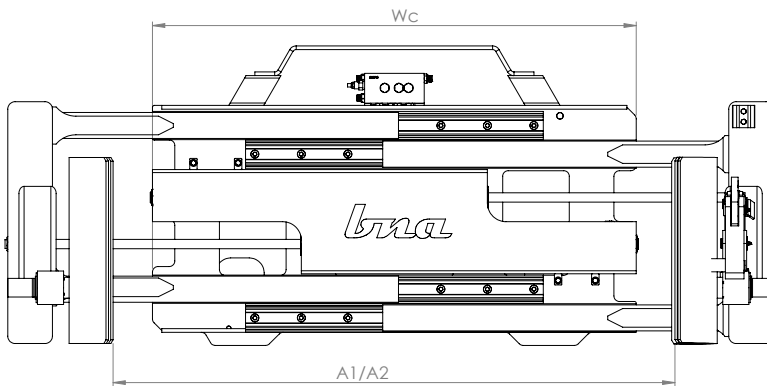
PRODUCT CODE	CAPACITY	LOAD CENTER	MOUNTING CLASS	OPENING RANGE	CHASSIS WIDTH	ARM LENGTH	LOST LOAD DISTANCE	CENTER OF GRAVITY	WEIGHT
	Q kg	Lc mm	ISO	A1-A2 mm	Wc mm	La mm	E mm	C mm	M kg
MTA3A-Q20-70.150	2000	500	2A / 3A	700 - 1500	1000	955	188	490	670

It has one hydraulic function.

It is used for transporting casting ladles and pouring the molten material in it to the desired place.



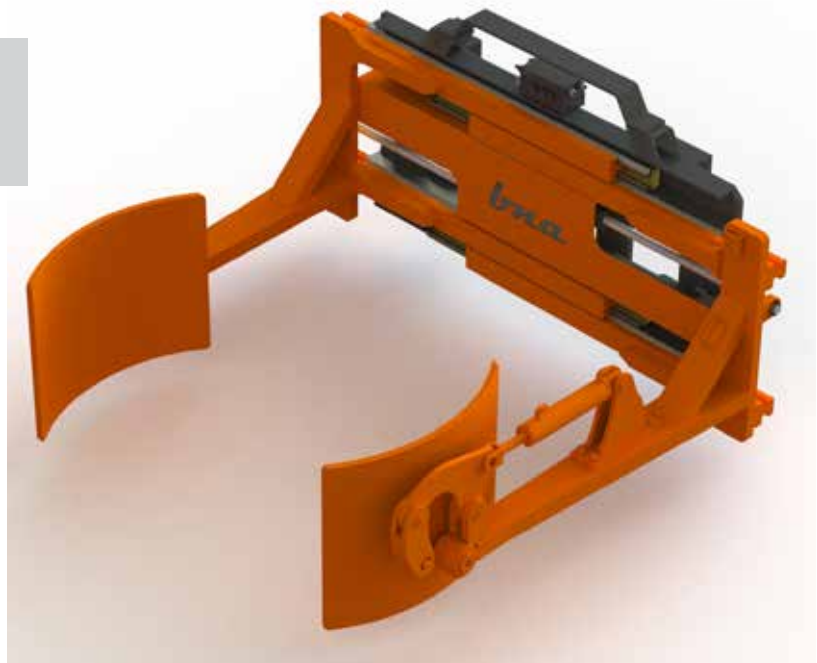
HYDRAULIC DRUM ATTACHMENT



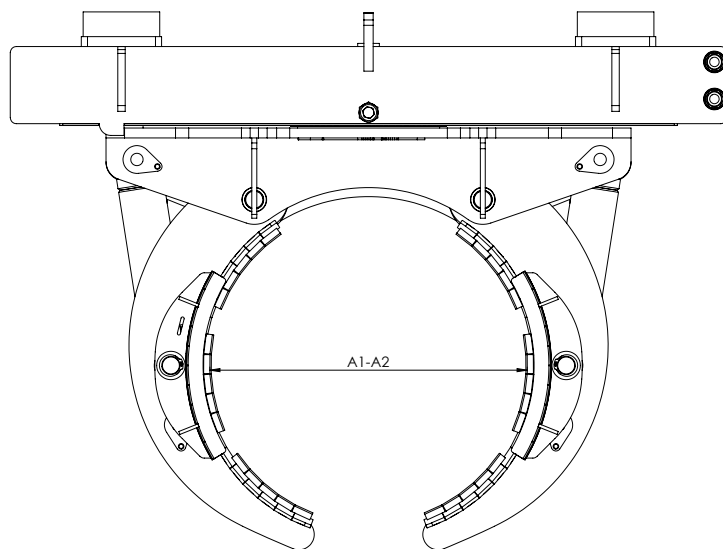
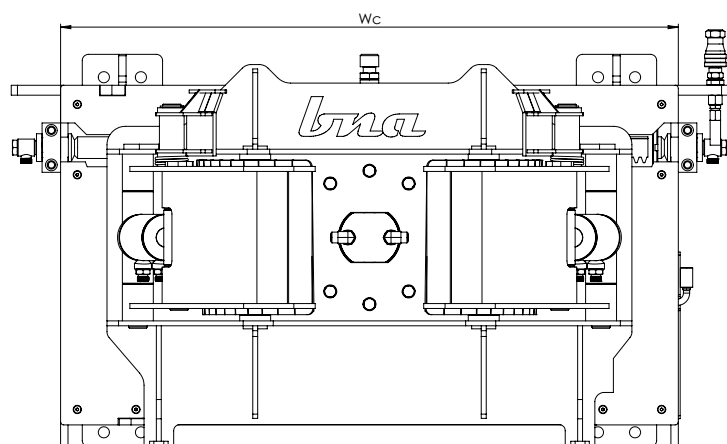
PRODUCT CODE	CAPACITY	LOAD CENTER	MOUNTING CLASS	OPENING RANGE	CHASSIS WIDTH	ARM LENGTH	LOST LOAD DISTANCE	CENTER OF GRAVITY	WEIGHT
	Q kg	Lc mm	ISO	A1-A2 mm	Wc mm	La mm	F mm	C mm	M kg
HDF2A-Q20-70.150	1000	500	2A / 3A	700 - 1500	1000	955	188	490	670

It has two hydraulic functions.

It is used to tip metal and plastic barrels forward.



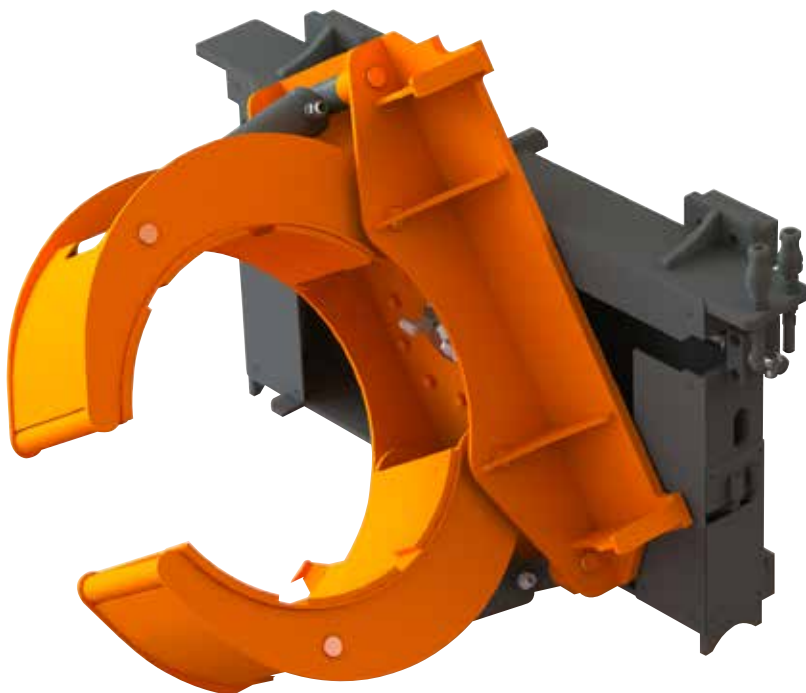
DRUM ATTACHMENT (SIDE TILTING)



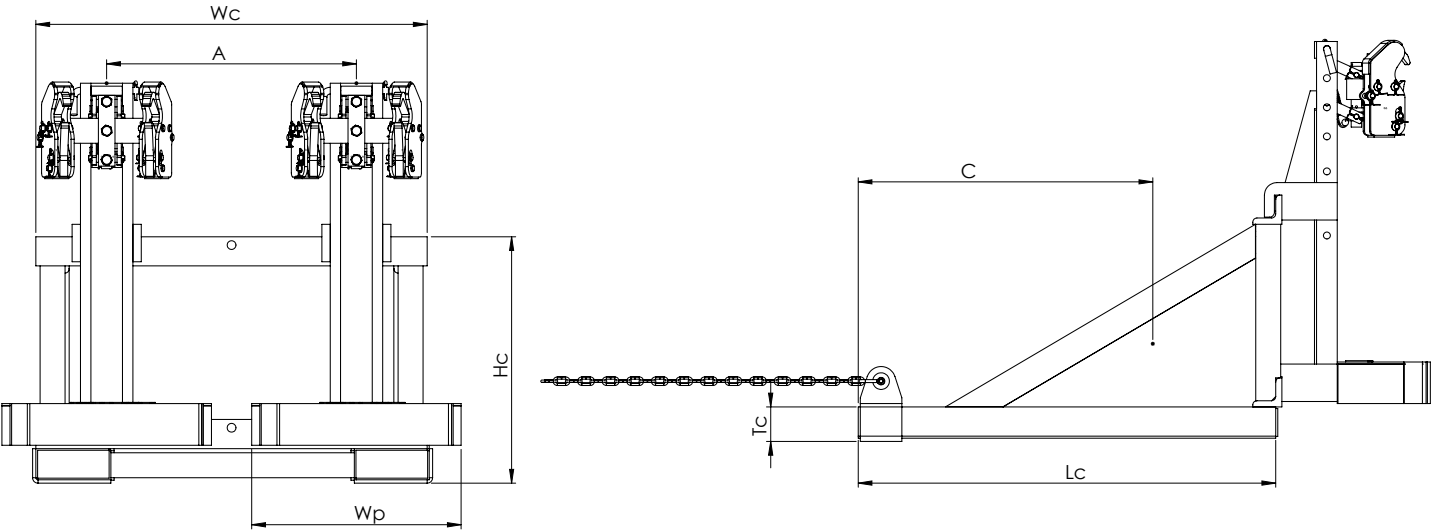
PRODUCT CODE	CAPACITY	LOAD CENTER	MOUNTING CLASS	OPENING RANGE	CHASSIS WIDTH	PAD WIDTH	PAD LENGTH	PAD HEIGHT	LOST LOAD DISTANCE	CENTER OF GRAVITY	WEIGHT
	Q kg	Lc mm	ISO	A1-A2 mm	Wc mm	WP mm	LP mm	HP mm	E mm	C mm	M kg
HDS	1500	320	2A / 3A	440 - 1620	1000	120	485	210	177	218	430

It has one hydraulic function.

It is used to turn products such as barrels, conical barrels, drums, conical drums 180° to the right or left.



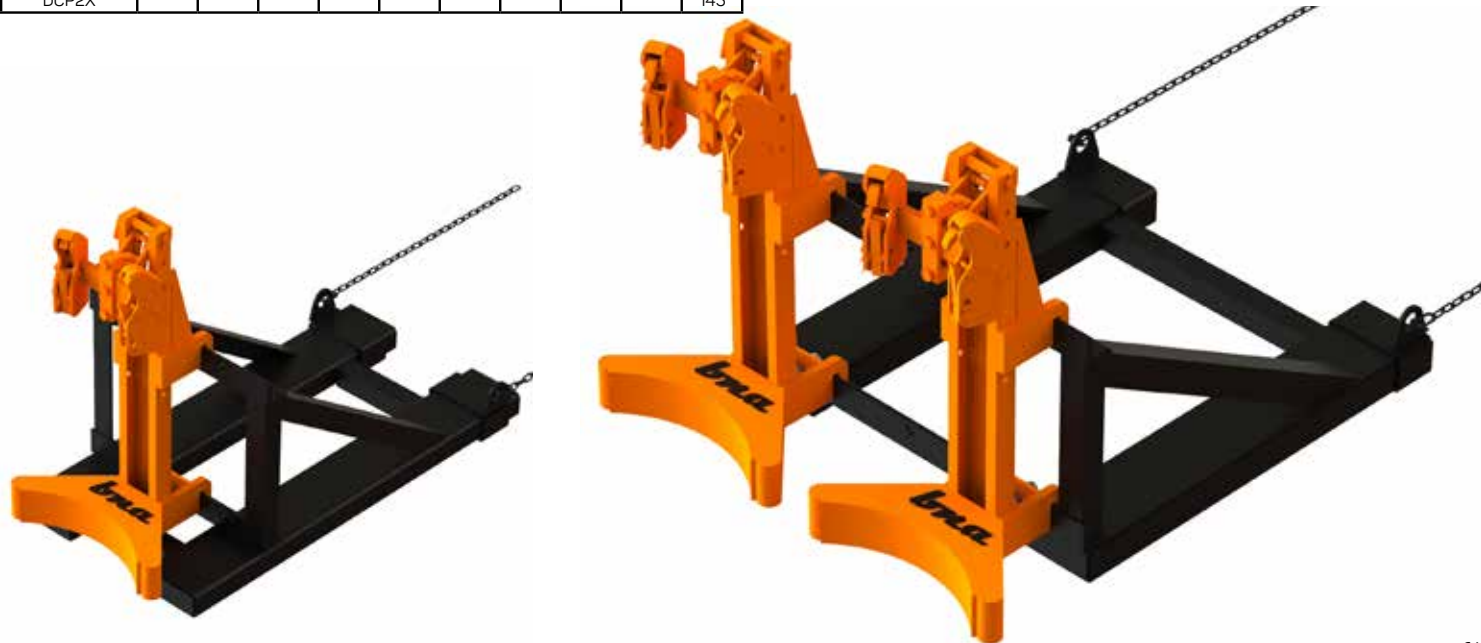
DRUM ATTACHMENT (CRAB TYPE)



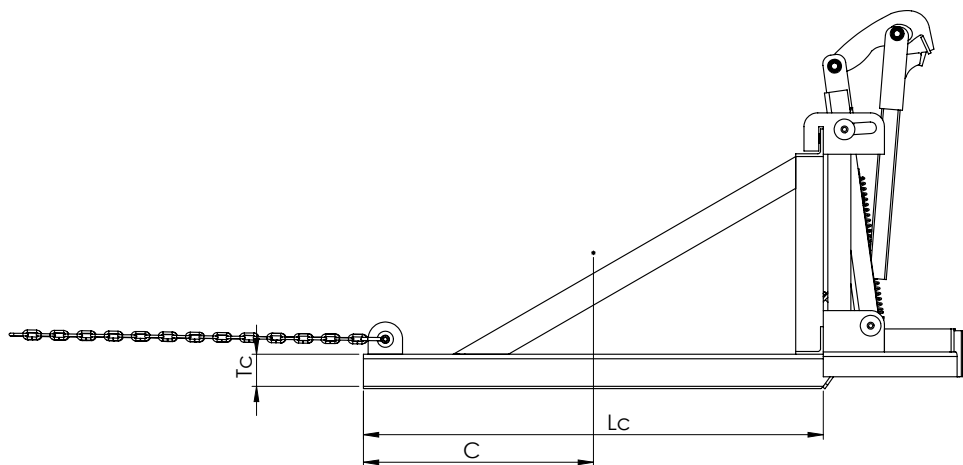
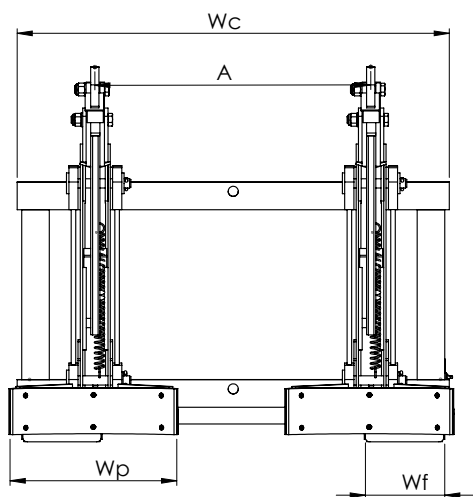
PRODUCT CODE	CAPACITY	LOAD CENTER	JAW DISTANCE	CHASSIS WIDTH	CHASSIS LENGTH	CHASSIS HEIGHT	FORK WIDTH	FORK THICKNESS	PAD WIDTH	WEIGHT
	Q kg	C mm	A mm	Wc mm	Lc mm	Hc mm	Wa mm	Tc mm	Wp mm	M kg
DCS1X	400	500	-	590	1050	540	175	75	360	100
DCP1X										105
DCS2X	800	500	600	960	1050	540	175	75	360	140
DCP2X										145

It is used for transportation, loading-unloading and stacking of plastic and metal drums in the warehouse.

- DCS - metal drum
- DCP - plastic drum
- 1X - single drum transport
- 2X - double drum transport



DRUM ATTACHMENT (PARROT TYPE)



PRODUCT CODE	CAPACITY	LOAD CENTER	JAW DISTANCE	CHASSIS WIDTH	CHASSIS LENGTH	CHASSIS HEIGHT	FORK WIDTH	FORK THICKNESS	PAD WIDTH	WEIGHT
	Q kg	C mm	A mm	Wc mm	Lc mm	Hc mm	Wa mm	Tc mm	Wp mm	M kg
DRS1X	300	500	-	590	1050	540	175	75	360	100
DRP1X										105
DRS2X	500	500	600	960	1050	540	175	75	360	140
DRP2X										145

It is used for transportation, loading-unloading and stacking of plastic and metal drums in the warehouse.

DRS - metal drum
DRP - plastic drum
1X - single drum transport
2X - double drum transport

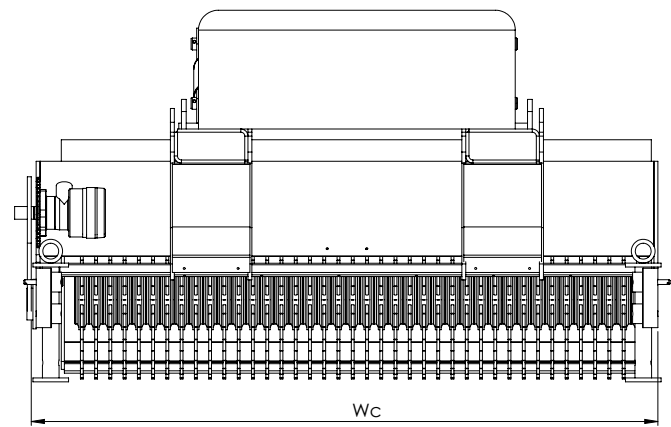
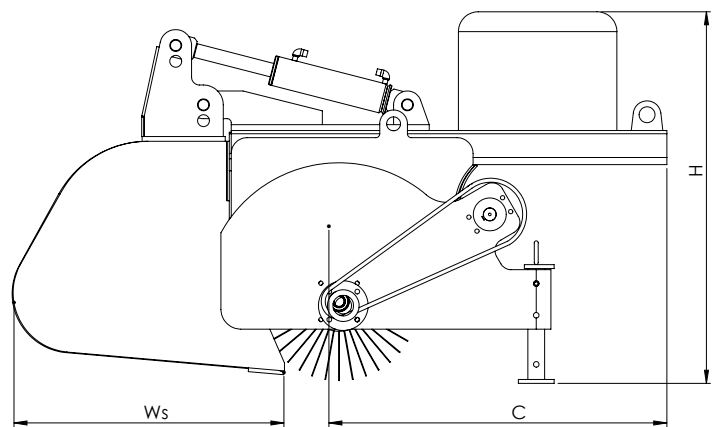






SWEEPER ATTACHMENTS

SWEEPER ATTACHMENT WITH WATER TANK

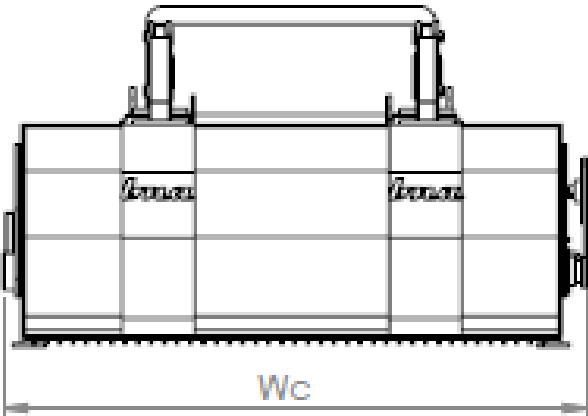
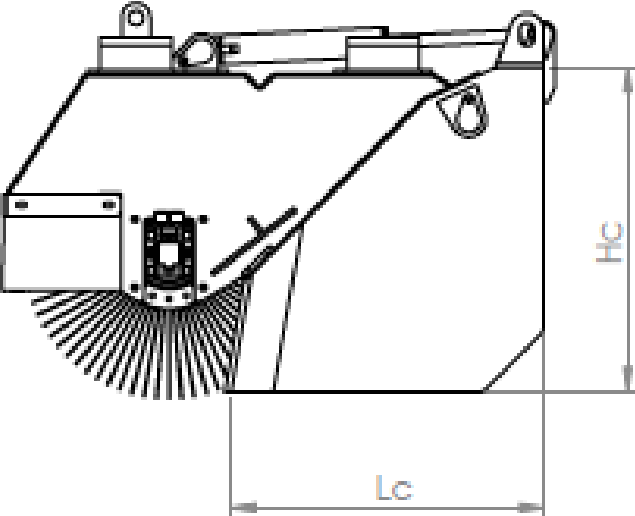


	CHASSIS WIDTH	CHASSIS WIDTH	LENGTH	BUCKET LENGTH	FORK DISTANCE	CENTER OF GRAVITY	WEIGHT
PRODUCT CODE	Wc mm	Hc mm	L mm	Lr mm	A mm	C mm	M kg
SWAQA-L12	1200	890	1650	680	1000	1000	95
SWAQA-L20	1500						550
SWAQA-L30	1750						135



- It has two hydraulic functions.
- It is used for sweeping warehouses and outer areas.
- Thanks to the irrigation system, dusting is prevented during sweeping.
- Through the rotation of the brushes, it collects the garbage in the front collection bucket.
- After the bucket is full, the operator can empty the garbage with the hydraulic system at the desired location without getting off the forklift.

SWEEPER ATTACHMENTS
WITHOUT WATER TANK



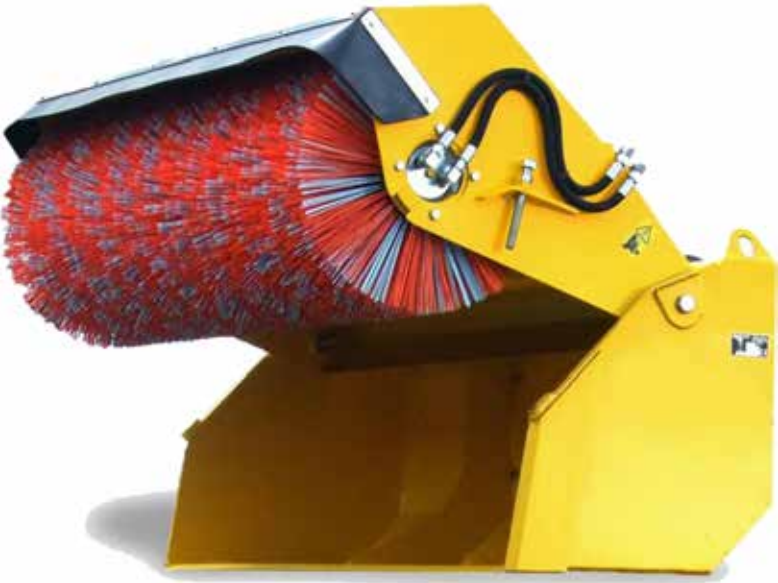
PRODUCT CODE	CHASSIS WIDTH	CHASSIS WIDTH	LENGTH	BUCKET LENGTH	FORK DISTANCE	CENTER OF GRAVITY	WEIGHT
	Wc mm	Hc mm	L mm	Lr mm	A mm	C mm	M kg
SWRQA-L12	1200	890	1650	680	1000	1000	95
SWRQA-L20	1500						550
SWRQA-L30	1750						135

It has two hydraulic functions.

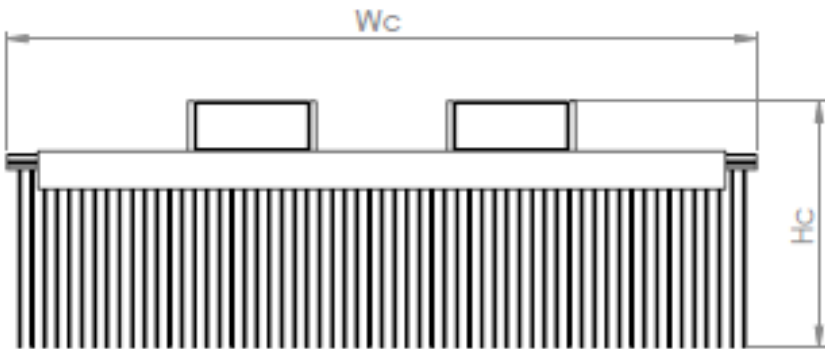
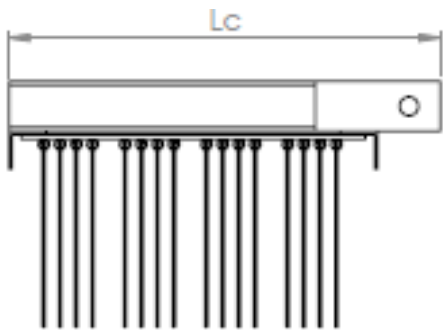
It is used for sweeping warehouses and outer areas.

Through the rotation of the brushes, it collects the garbage in the front collection bucket.

After the bucket is full, the operator can empty the garbage with the hydraulic system at the desired location without getting off the forklift.

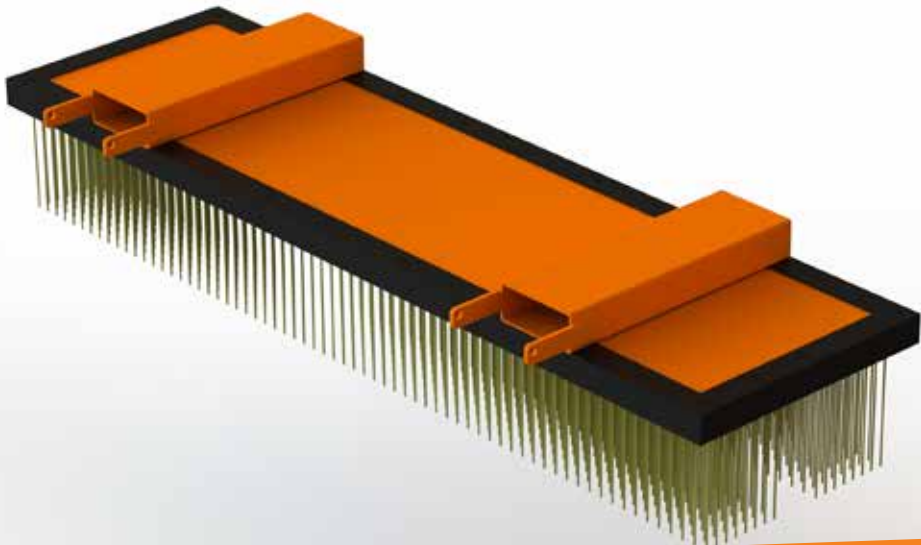


BRUSH ATTACHMENT



PRODUCT CODE	CHASSIS WIDTH	CHASSIS WIDTH	LENGTH	FORK DISTANCE	CENTER OF GRAVITY	WEIGHT
	W_c mm	H_c mm	L mm	A mm	C mm	M kg
SWWQA-L12	1200	390	570	1000	275	95
SWWQA-L20	2000					115
SWWQA-L30	3000					135

It is used for sweeping warehouses and outer areas.

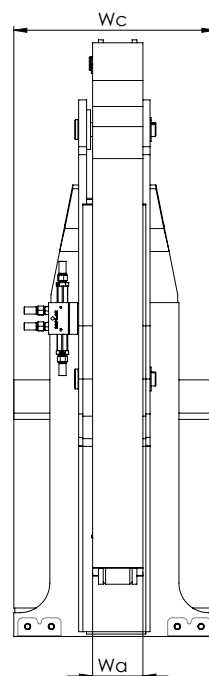
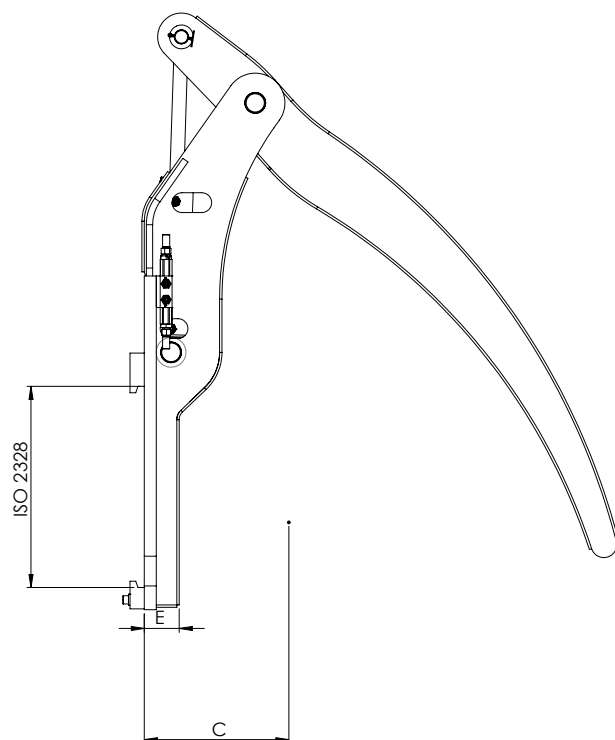






LOGGING ATTACHMENTS

WASTE CLAW ATTACHMENT



PRODUCT CODE	CAPACITY	LOAD CENTER	MOUNTING CLASS	CHASSIS WIDTH	CHASSIS HEIGHT	ARM WIDTH	ARM LENGTH	ARM HEIGHT	LOST LOAD DISTANCE	CENTER OF GRAVITY	WEIGHT
	Q kg	Lc mm	ISO 2328	Wc mm	Hc mm	Wa mm	La mm	HT mm	E mm	C mm	M kg
RBA2A-Q10	1000	500	2A	500	1150	130	1700	1600	88	200	250
RBA2A-Q15	1500		2A			130				200	250
RBA2A-Q20	2000		2A/3A			150				210	275
RBA3A-Q25	2500		3A			150				210	275
RBA3A-Q30	3000		3A			150				210	275

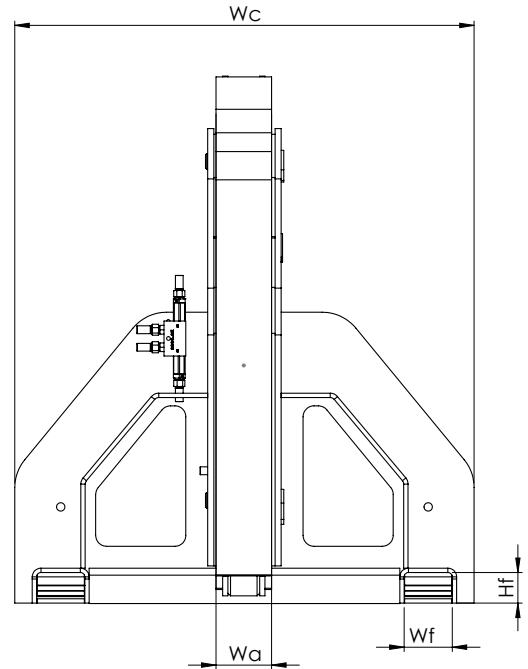
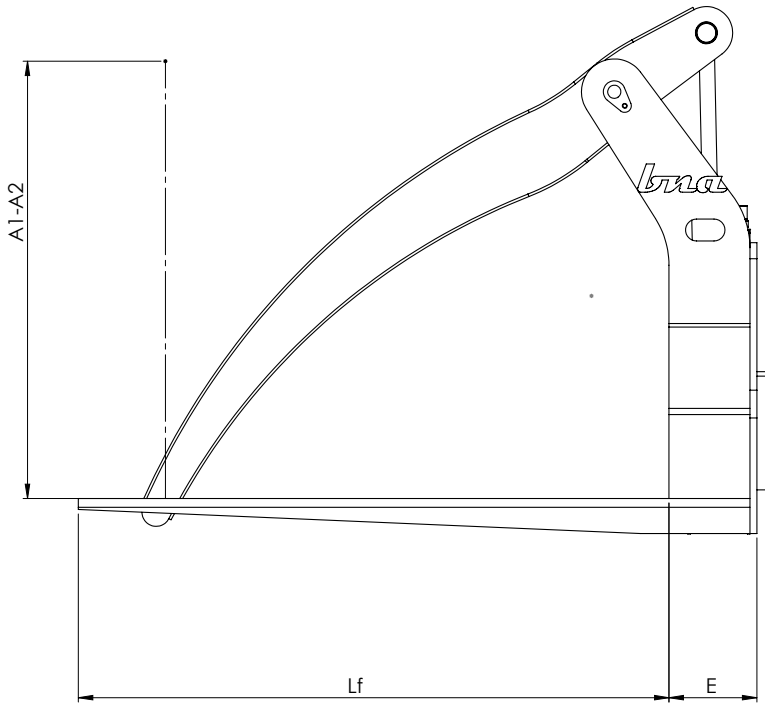
It has one hydraulic function.

It is used for loading, unloading and stacking bulk or baled recycling materials.

The forklift's forks are used.



LOGGING ATTACHMENT



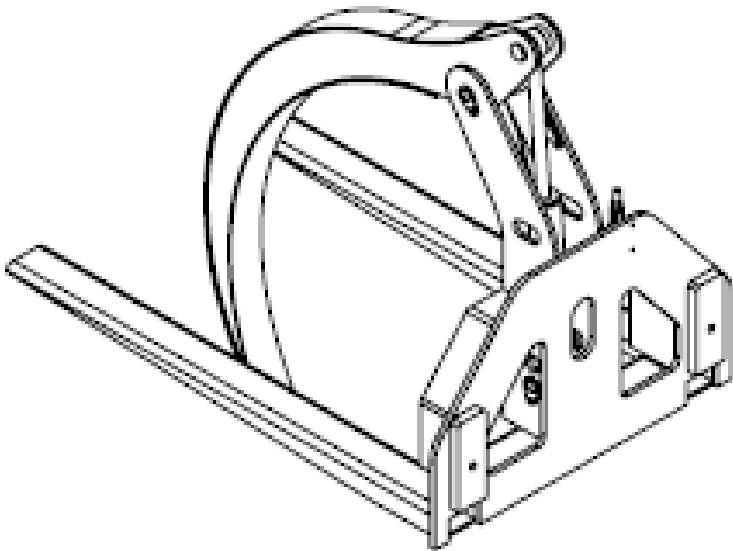
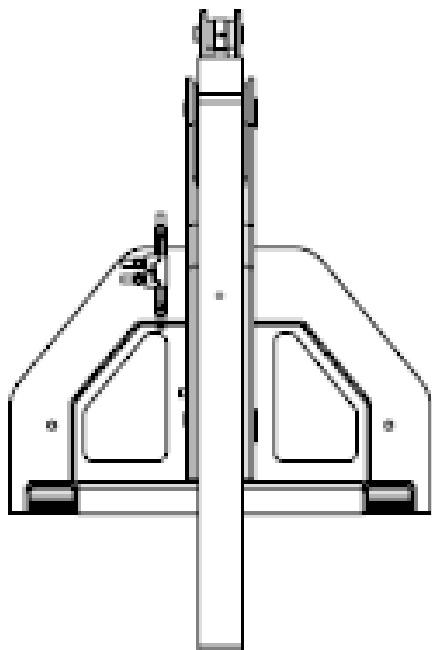
PRODUCT CODE	CAPACITY	LOAD CENTER	MOUNTING CLASS	CHASSIS WIDTH	ARM WIDTH	ARM HEIGHT	FORK DIMENSIONS			WEIGHT
	Q kg	Lc mm	ISO	B mm	L mm	H mm	CKA mm	CKH mm	CKL mm	M kg
RFA2A-Q20	2000	500	2A	1070	1050	1500	120	60	1535	330
RFA2A-Q23	2500		2A	1120			145	60		333
RFA2A-Q30	3000		3A	1160			170	65		340
RFA2A-Q35	3500	600	3A	1210			170	65		345
RFA2A-Q40	4000		3A	1290			170	65		350
RFA2A-Q45	4500		3A	1300			170	65		352
RFA2A-Q50	5000		3A	1350			175	75		366
RFA2A-Q50	5000		4A	1400			175	75		370

It has one hydraulic function.

It is used for loading, unloading and stacking bulk or baled recycling materials.



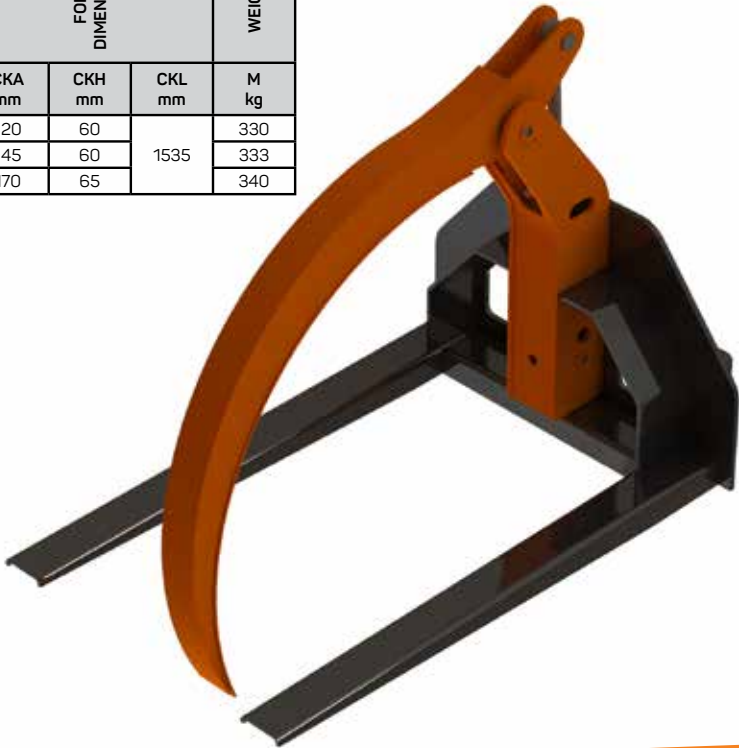
LOGGING ATTACHMENT WITH FORK



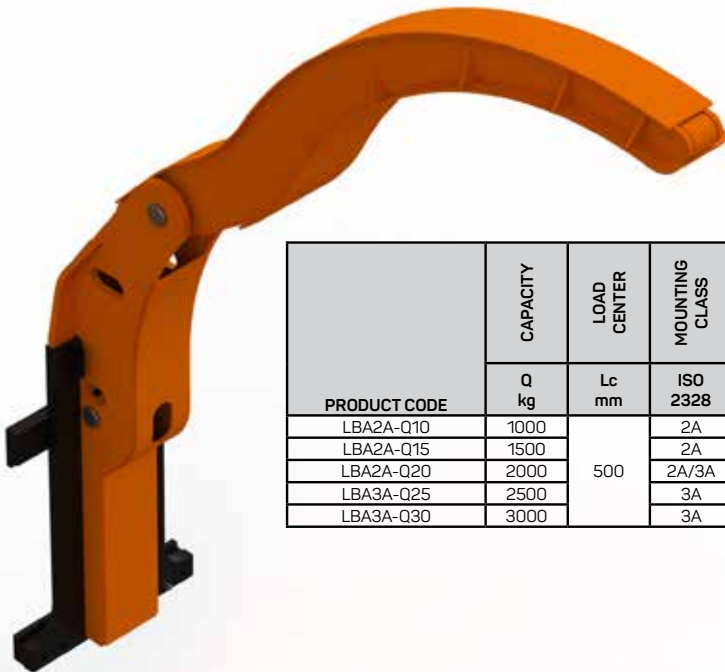
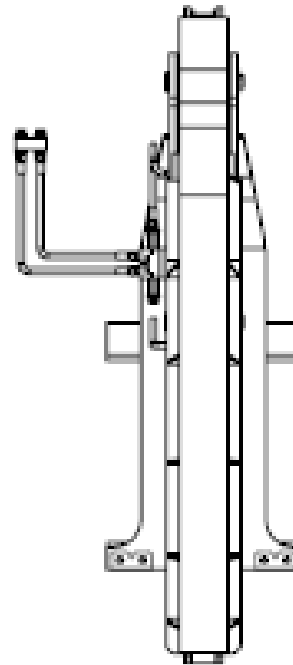
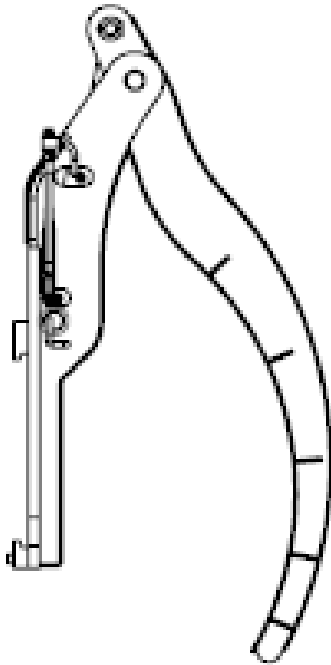
PRODUCT CODE	CAPACITY	LOAD CENTER	MOUNTING CLASS	CHASSIS WIDTH	ARM WIDTH	ARM HEIGHT	FORK DIMENSIONS			WEIGHT
	Q kg	Lc mm	ISO	B mm	L mm	H mm	CKA mm	CKH mm	CKL mm	M kg
LFA2A-Q20-107	2000	500	2A	1070	1050	1500	120	60	1535	330
LFA2A-Q20-112	2500		2A	1120			145	60		333
LFA2A-Q20-116	3000		3A	1160			170	65		340

It has one hydraulic function.

It is used for loading, unloading and stacking logs on forklifts.



LOGGING ATTACHMENT WITHOUT FORK



PRODUCT CODE	CAPACITY	LOAD CENTER	MOUNTING CLASS	CHASSIS WIDTH	CHASSIS HEIGHT	ARM WIDTH	ARM LENGTH	ARM HEIGHT	LOST LOAD DISTANCE	CENTER OF GRAVITY	WEIGHT
	Q kg	Lc mm	ISO 2328	Wc mm	HC mm	WA mm	La mm	HT mm	E mm	C mm	M kg
LBA2A-Q10	1000	500	2A	500	1150	130	1700	1600	88	200	250
LBA2A-Q15	1500		2A			130				200	250
LBA2A-Q20	2000		2A/3A			150				210	275
LBA3A-Q25	2500		3A			150				210	275
LBA3A-Q30	3000		3A			150				210	275

It has one hydraulic function.

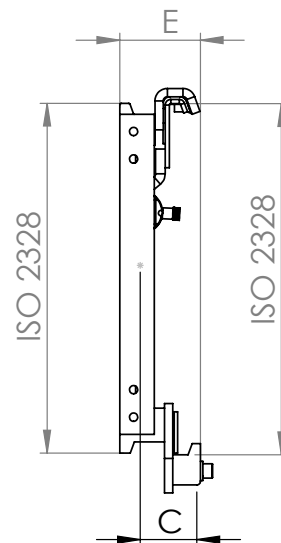
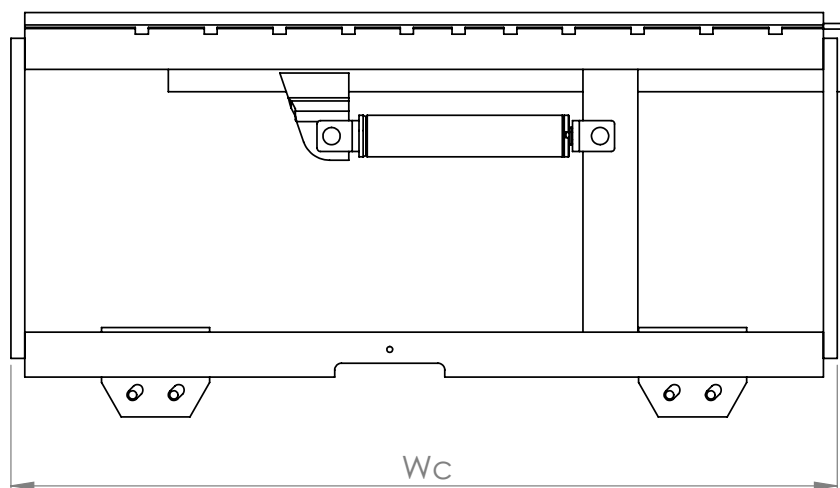
It is used for loading, unloading and stacking logs on forklifts.

The forklift's forks are used.



SIDE SHIFTERS

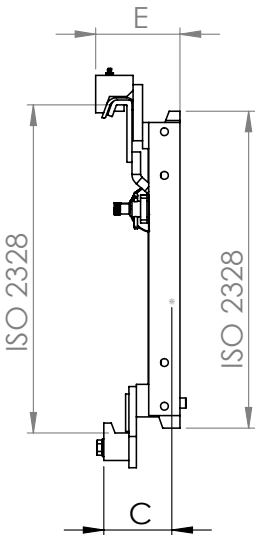
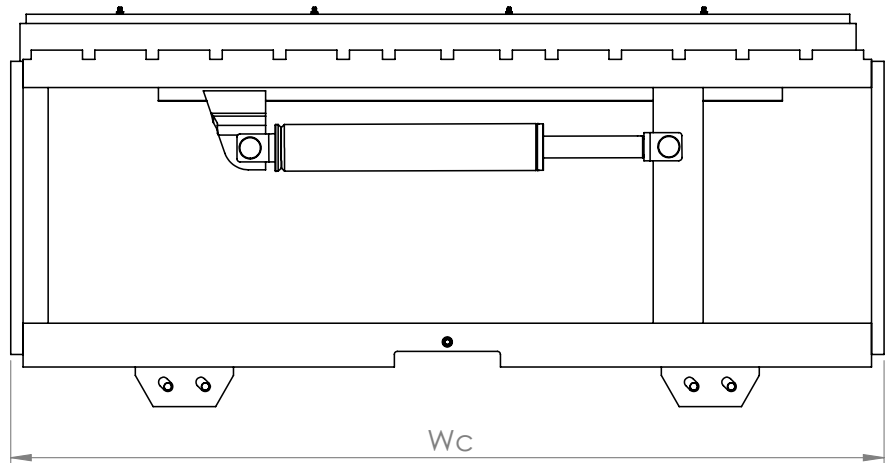
SIDE SHIFTER 1-3,5 TONS



PRODUCT CODE	CAPACITY	LOAD CENTER	MOUNTING CLASS	CHASSIS WIDTH	LOST LOAD DISTANCE	C.o.G	WEIGHT	SIDE SHIFT (+)
	Q kg	Lc mm	ISO 2328	A mm	E mm	D mm	M kg	S mm
SSF2A-Q25-820	2500	500	2A	820	67	30	62	100
SSF2A-Q25-920				920			65	
SSF2A-Q25-970				970			66	
SSF2A-Q25-980				980			67	
SSF2A-Q25-1000				1000			68	
SSF2A-Q25-1020				1020			69	
SSF2A-Q25-1040				1040			72	
SSF2A-Q25-1100				1100			75	
SSF2A-Q25-1150				1150			78	
SSF2A-Q25-1200				1200			81	
SSF2A-Q25-1300				1300			87	
SSF3A-Q30-1000	3000	500	3A	1000	84	35	98	100
SSF3A-Q30-1060				1060			102	
SSF3A-Q30-1100				1100			105	
SSF3A-Q30-1150				1150			109	
SSF3A-Q30-1200				1200			113	
SSF3A-Q30-1250				1250			117	
SSF3A-Q30-1300				1300			120	
SSF3A-Q30-1400				1400			128	
SSF3A-Q30-1500				1500			136	
SSF3A-Q35-1000	3500	500	3A	1000	84	35	98	100
SSF3A-Q35-1060				1060			102	
SSF3A-Q35-1100				1100			105	
SSF3A-Q35-1150				1150			109	
SSF3A-Q35-1200				1200			113	
SSF3A-Q35-1250				1250			117	
SSF3A-Q35-1300				1300			120	
SSF3A-Q35-1400				1400			128	
SSF3A-Q35-1500				1500			136	



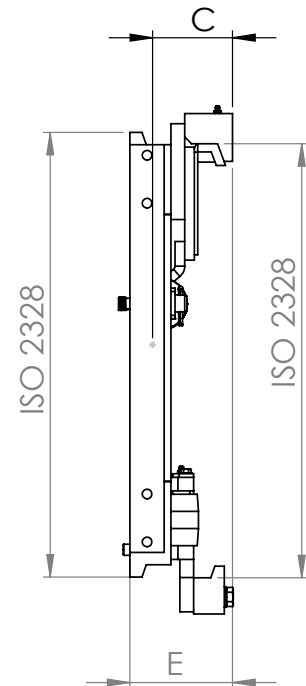
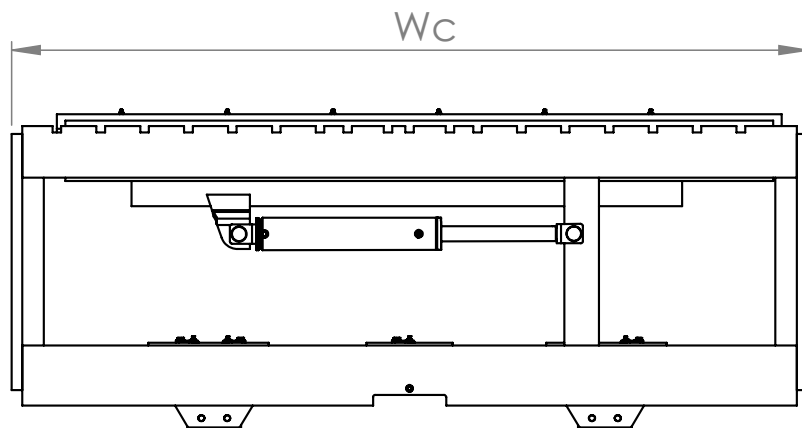
SIDE SHIFTER 4-5 TONS



PRODUCT CODE	CAPACITY	LOAD CENTER	MOUNTING CLASS	CHASSIS WIDTH	LOST LOAD DISTANCE	C.o.G	WEIGHT	SIDE SHIFT (+)
	Q kg	Lc mm	ISO 2328	A mm	E mm	D mm	M kg	S mm
SSF3A-Q40-1050	4000	500	3A	1050	84	35	106	100
SSF3A-Q40-1150				1150			112	
SSF3A-Q40-1190				1190			116	
SSF3A-Q40-1220				1220			118	
SSF3A-Q40-1270				1270			121	
SSF3A-Q40-1320				1320			126	
SSF3A-Q40-1470				1470			129	
SSF3A-Q45-1050	4500	500	3A	1050	84	35	106	100
SSF3A-Q45-1150				1150			109	
SSF3A-Q45-1190				1190			116	
SSF3A-Q45-1220				1220			118	
SSF3A-Q45-1270				1270			122	
SSF3A-Q45-1320				1320			126	
SSF3A-Q45-1470				1470			130	



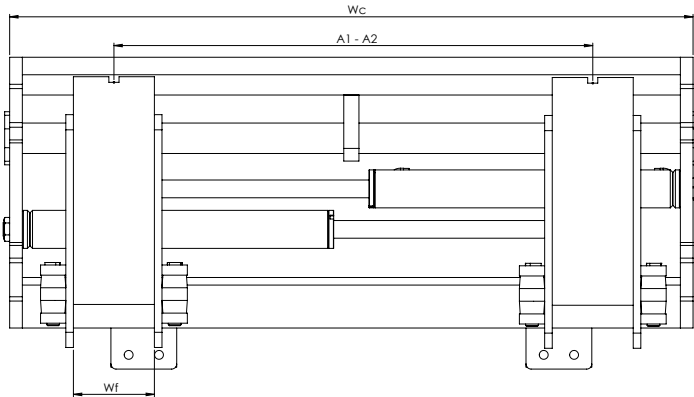
SIDE SHIFTER 5-8 TONS



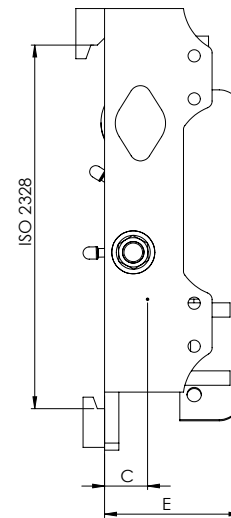
PRODUCT CODE	CAPACITY	LOAD CENTER	MOUNTING CLASS	CHASSIS WIDTH	LOST LOAD DISTANCE	C.o.G	WEIGHT	SIDE SHIFT (+)
	Q kg	Lc mm	ISO 2328	A mm	E mm	D mm	M kg	S mm
SSF4A-Q50-1270	5000	600	4A	1270	100	47	265	150
SSF4A-Q50-1350				1350			278	
SSF4A-Q50-1400				1400			287	
SSF4A-Q50-1450				1450			295	
SSF4A-Q50-1500				1500			304	
SSF4A-Q50-1660				1660			339	
SSF4A-Q50-1725				1725			352	
SSF4A-Q50-1800				1800			368	
SSF4A-Q60-1400	6000	600	4A	1400	100	47	287	150
SSF4A-Q60-1600				1600			326	
SSF4A-Q60-1650				1650			337	
SSF4A-Q60-1700				1720			348	
SSF4A-Q60-1750				1750			356	
SSF4A-Q60-1800				1800			368	
SSF4A-Q60-2000				2000			428	
SSF4A-Q70-1400	7000	600	4A	1400	100	47	287	150
SSF4A-Q60-1500				1500			304	
SSF4A-Q60-1600				1600			326	
SSF4A-Q60-1700				1720			348	
SSF4A-Q60-1800				1800			368	
SSF4A-Q80-1600	8000	600	4A	1600	100	47	326	150
SSF4A-Q80-1700				1720			348	
SSF4A-Q80-1750				1750			356	
SSF4A-Q80-1800				1800			368	
SSF4A-Q80-1900				1900			390	
SSF4A-Q80-2000				2000			428	



FORK POSITIONER



PRODUCT CODE	CAPACITY	LOAD CENTER	MOUNTING CLASS	OPENING RANGE	CHASSIS WIDTH	ARM WIDTH	LOST LOAD DISTANCE	CENTER OF GRAVITY	WEIGHT
	Q kg	Lc mm	ISO 2328	B1-B2 mm	A mm	C mm	E mm	F mm	M kg
FPA2A-Q20-19.063	2000	500	2A	190-630	820	120	133	42	127
FPA2A-Q20-19.071				190-710	920			41	133
FPA2A-Q20-19.085				190-850	1040			40	141
FPA2A-Q20-19.096				190-960	1150			39	147
FPA2A-Q20-19.110				190-1110	1300			38	156
FPA2A-Q25-19.063	2500	500	2A	190-630	820	125	133	42	139
FPA2A-Q25-19.071				190-710	920			41	145
FPA2A-Q25-19.085				190-850	1040			40	153
FPA2A-Q25-19.096				190-960	1150			39	159
FPA2A-Q25-19.110				190-1110	1300			38	168
FPA3A-Q30-19.096	3000	500	3A	190-960	1150	125	163	42	176
FPA3A-Q30-19.103				190-1034	1200			41	181
FPA3A-Q30-19.118				190-1180	1300			40	187
FPA3A-Q30-19.121				190-1210	1400			39	193
FPA3A-Q35-19.096	3500	500	3A	190-960	1150	140	163	41	188
FPA3A-Q35-19.103				190-1034	1200			40	193
FPA3A-Q35-19.118				190-1180	1300			39	199
FPA3A-Q35-19.121				190-1210	1400			38	205
FPA3A-Q40-24.104	4000	500	3A	240-1040	1250	140	180	40	210
FPA3A-Q40-24.114				240-1140	1300			39	215
FPA3A-Q40-24.124				240-1240	1400			38	218
FPA3A-Q40-24.134				240-1340	1500			37	225
FPA4A-Q50-24.104	5000	500	3A / 4A	240-1040	1200	150	195	40	410
FPA4A-Q50-24.114				240-1140	1300			39	415
FPA4A-Q50-24.124				240-1240	1400			38	417
FPA4A-Q50-24.134				240-1340	1500			37	419
FPA4A-Q50-24.144				240-1440	1600			36	422
FPA4A-Q70-24.124	7000	500	4A	240-1240	1400	150	260	39	417
FPA4A-Q70-24.134				240-1340	1500			39	419
FPA4A-Q70-24.144				240-1440	1600			38	422
FPA4A-Q70-24.154				240-1540	1700			38	423
FPA4A-Q70-24.164				240-1640	1800			38	425
FPA4A-Q70-24.174				240-1740	1900			37	427
FPA4A-Q70-24.184				240-1840	2000			37	430
FPA4A-Q90-24.124	9000	500	4A	240-1240	1400	150	260	39	417
FPA4A-Q90-24.134				240-1340	1500			39	419
FPA4A-Q90-24.144				240-1440	1600			38	422
FPA4A-Q90-24.154				240-1540	1700			38	423
FPA4A-Q90-24.164				240-1640	1800			38	425
FPA4A-Q90-24.174				240-1740	1900			37	427
FPA4A-Q90-24.184				240-1840	2000			37	430



It has one hydraulic function.

It is used to position the forks without the operator getting off the forklift.

It enables the forklift to be used more efficiently.

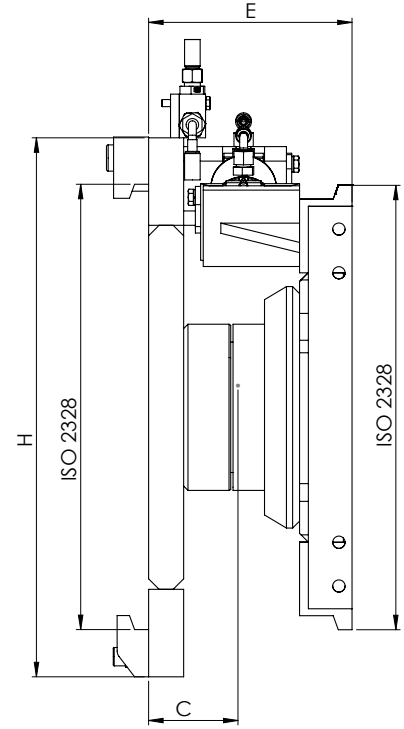
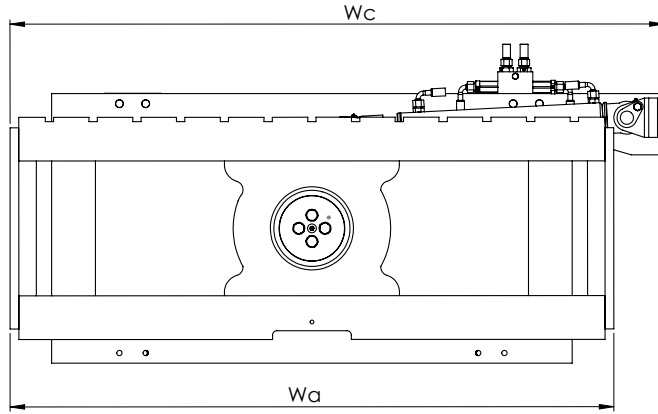
Optionally, side shifter feature can be added. When this feature is desired, the attachment needs two hydraulic functions.

The forklift's own forks are used in the attachment.



ROTATORS

90° ROTATOR



PRODUCT CODE	CAPACITY	LOAD CENTER	MOUNTING CLASS	CHASSIS WIDTH	BOARD WIDTH	CHASSIS HEIGHT	BOARD HEIGHT	LOST LOAD DISTANCE	CENTER OF GRAVITY	WEIGHT
	Q kg	Lc mm	ISO 2328	Wc mm	A mm	B mm	ISO 2328	E mm	D mm	M kg
TBN2A-Q15-1200	1500	500	2A	1000	1200	515	2A	233	100	320
TBN2A-Q20-1300	2000		2A/3A*	1060	1300	615	2A/3A*		103	340
TBN3A-Q25-1300	2500		3A	1190	1300	615	3A		103	360
TBN3A-Q30-1300	3000		3A	1190	1300	615	3A		106	370
TBN3A-Q35-1300	3500		3A/4A*	1230	1300	740	3A/4A*		106	370
TBN3A-Q40-1300	4000		3A/4A*	1230	1300	740	3A/4A*		116	390
TBN4A-Q50-1300	5000		4A	1230	1300	740	4A		128	410

* Müşterinin tercihine göre üretilmektedir.



It has one hydraulic function.

It is used to position the forks without the operator getting off the forklift.

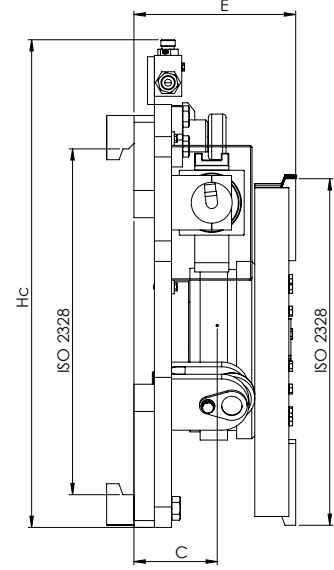
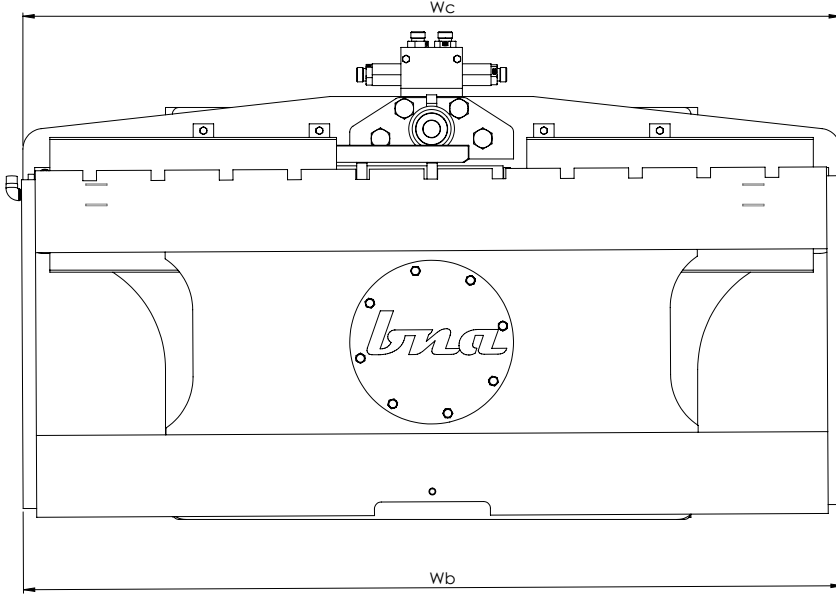
It enables the forklift to be used more efficiently.

Optionally, side shifter feature can be added.

When this feature is desired, the attachment needs two hydraulic functions.

The forklift's own forks are used in the attachment.

180° ROTATOR



PRODUCT CODE	CAPACITY	LOAD CENTER	MOUNTING CLASS	BOARD WIDTH	CHASSIS HEIGHT	BOARD HEIGHT	LOST LOAD DISTANCE	CENTER OF GRAVITY	WEIGHT
	Q kg	Lc mm	ISO 2328	A mm	B mm	ISO 2328	E mm	D mm	M kg
TBE2A-Q15-1000	1500	500	2A	1000	1200	2A	242	120	420
TBE2A-Q20-1060	2000	500	2A/3A*	1060	1300	2A/3A*		125	440
TBE3A-Q25-1190	2500	500	3A	1190	1300	3A		128	460
TBE3A-Q30-1190	3000	500	3A	1190	1300	3A		130	470
TBE3A-Q35-1300	3500	600	3A/4A*	1230	1300	3A/4A*		132	470
TBE3A-Q40-1300	4000	600	3A/4A*	1230	1300	3A/4A*		140	490
TBE3A-Q50-1300	5000	600	4A	1230	1300	4A		144	510

* Müşterinin tercihine göre üretilmektedir.

It has one hydraulic function.

The attachment is produced without a fork. The forklift's own forks are used.

It is used for 180° rotation and transportation of products such as pallets, crates, boxes, casting ladles, containers.

It is used in products that have fork slots on them.

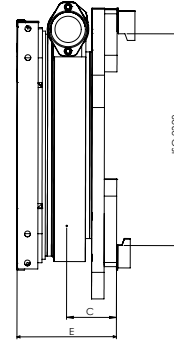
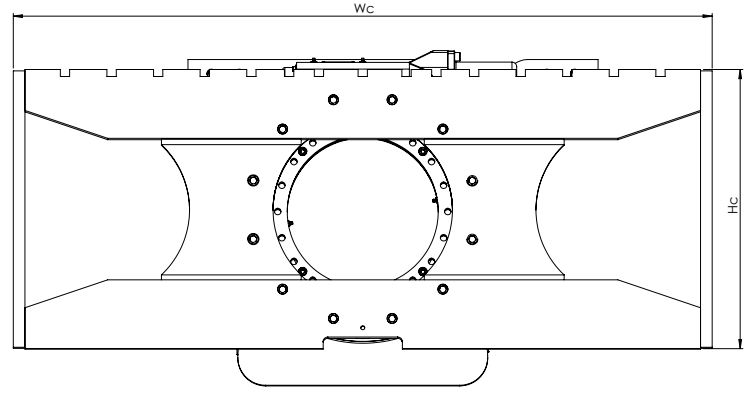
The product can be produced to rotate 180° to right or left in one direction or 90° to both directions.



360° ROTATOR

PRODUCT CODE	CAPACITY	LOAD CENTER	MOUNTING CLASS	CHASSIS WIDTH	CHASSIS HEIGHT	CENTER OF GRAVITY
	Q kg	Lc mm	ISO 2328	Wc mm	B mm	D mm
TBT2A-Q20-980	2000	500	2A	980	2A	175
TBT2A-Q20-1020				1020		180
TBT2A-Q20-1040				1040		185
TBT2A-Q20-1100				1100		190
TBT2A-Q25-980	2500	500	2A/3A*	980	2A/3A*	180
TBT2A-Q25-1020				1020		190
TBT2A-Q25-1040				1040		195
TBT2A-Q25-1100				1100		200
TBT2A-Q25-1150				1150		215
TBT2A-Q25-1200				1200		220
TBT2A-Q25-1250				1250		230
TBT3A-Q30-1000	3000	500	3A	1000	3A	460
TBT3A-Q30-1060				1060		470
TBT3A-Q30-1100				1100		475
TBT3A-Q30-1150				1150		480
TBT3A-Q30-1200				1200		495
TBT3A-Q30-1250				1250		500
TBT3A-Q30-1300				1300		510
TBT3A-Q30-1400				1400		530
TBT3A-Q30-1500				1500		545
TBT3A-Q35-1000	3500	500	3A	1000	3A	460
TBT3A-Q35-1060				1060		470
TBT3A-Q35-1100				1100		475
TBT3A-Q35-1150				1150		480
TBT3A-Q35-1200				1200		495
TBT3A-Q35-1250				1250		500
TBT3A-Q35-1300				1300		510
TBT3A-Q35-1400				1400		530
TBT3A-Q35-1500				1500		545
TBT3A-Q40-1100	4000	500	3A/4A*	1100	3A/4A*	480
TBT3A-Q40-1150				1150		490
TBT3A-Q40-1200				1200		505
TBT3A-Q40-1250				1250		510
TBT3A-Q40-1300				1300		520
TBT3A-Q40-1400				1400		540
TBT3A-Q40-1500				1500		555
TBT3A-Q45-1050	4500	600	3A/4A*	1050	3A/4A*	480
TBT3A-Q45-1150				1150		490
TBT3A-Q45-1200				1200		505
TBT3A-Q45-1250				1250		510
TBT3A-Q45-1300				1300		520
TBT3A-Q45-1400				1400		540
TBT3A-Q45-1500				1500		555
TBT4A-Q50-1050	5000	600	3A/4A*	1050	3A/4A*	490
TBT4A-Q50-1150				1150		500
TBT4A-Q50-1200				1200		505
TBT4A-Q50-1250				1250		510
TBT4A-Q50-1300				1300		520
TBT4A-Q50-1400				1400		530
TBT4A-Q50-1500				1500		550

* Müşterinin tercihine göre üretilmektedir.



It has one hydraulic function.

The attachment is produced without a fork. The forklift's own forks are used.

It is used for 360° rotation and transportation of products such as pallets, crates, boxes, casting ladles, containers.

It is used in products that have fork slots on them.

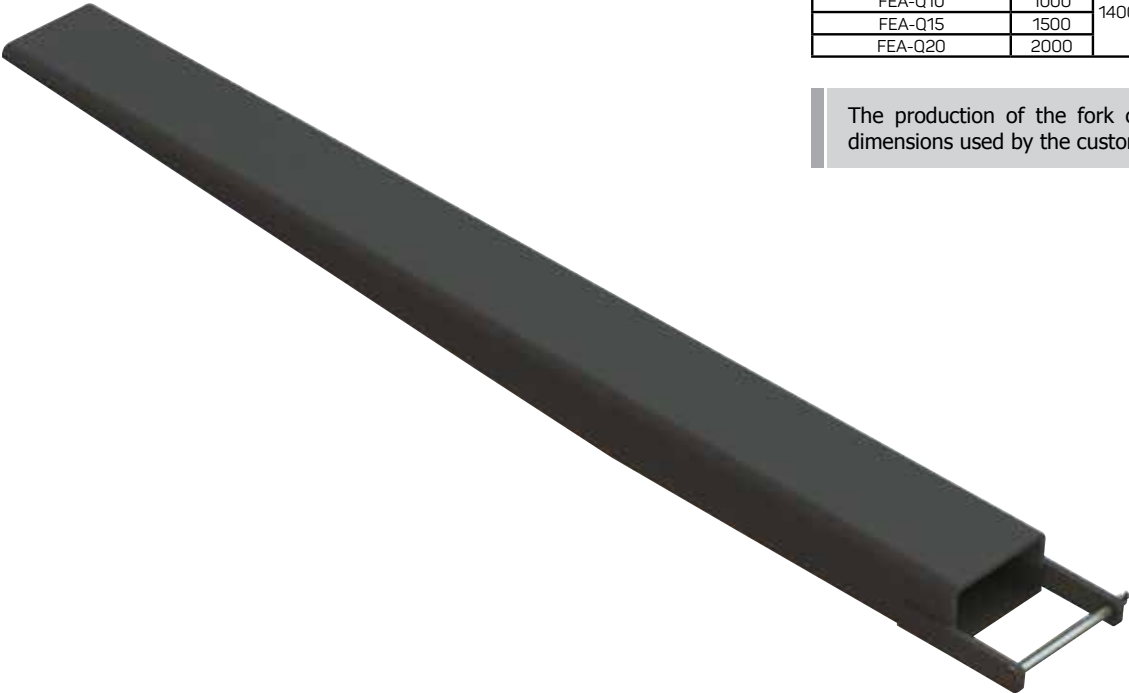
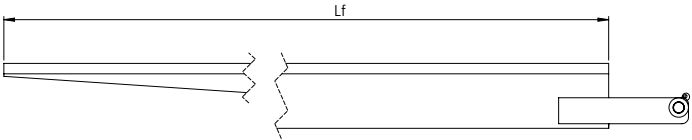
The product can rotate 360° both left and right.





GENERAL PURPOSE ATTACHMENTS

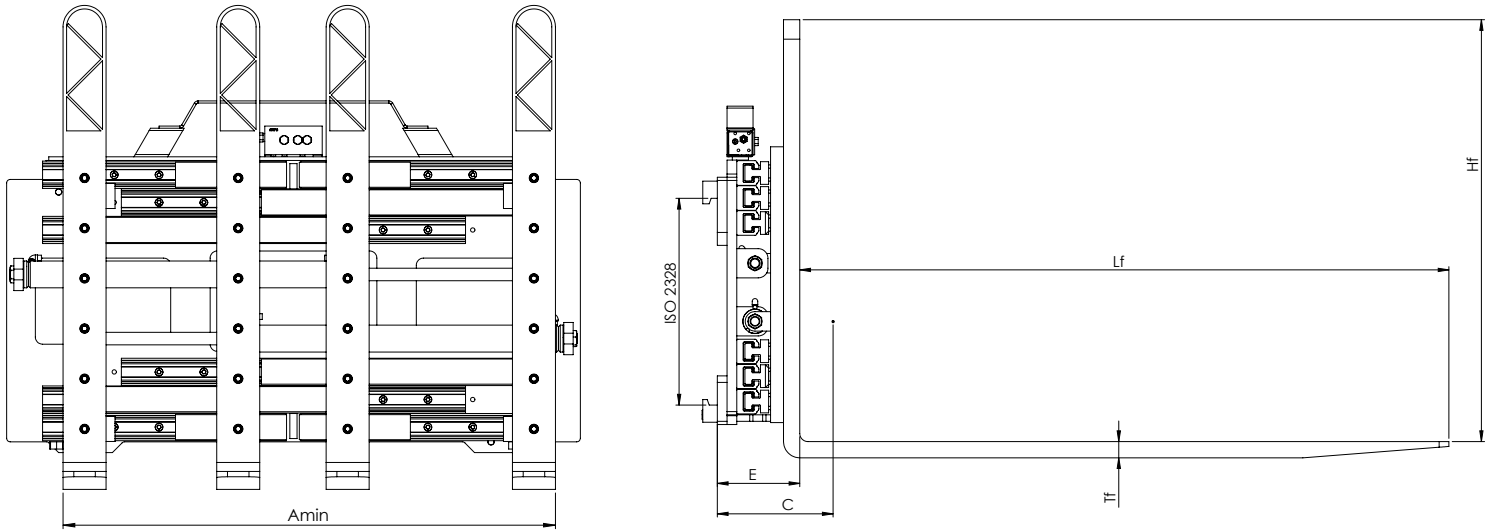
FORK EXTENSIONS



PRODUCT CODE	CAPACITY	LENGTH	WIDTH	THICKNESS	WEIGHT
	Q kg	L mm	W mm	T mm	M kg
FEA-Q05	500	1400 -2000	100 - 150	45 - 60	90
FEA-Q10	1000				110
FEA-Q15	1500				130
FEA-Q20	2000				150

The production of the fork cover varies according to the fork dimensions used by the customer.

MULTI PALLET HANDLERS



PRODUCT CODE	CAPACITY	LOAD CENTER	MOUNTING CLASS	OPENING RANGE	CHASSIS WIDTH	FORK DIMENSIONS				LOST LOAD DISTANCE	CENTER OF GRAVITY	WEIGHT
	Q kg	Lc mm	ISO 2328	A1-A2 mm	B mm	T mm	W mm	H mm	L mm	E mm	D mm	M kg
DPC2A-Q15-58.196	1500	500	2A	580 - 1960	1300	40	120	1300	1000	177	270	650
DPC2A-Q15-58.197				630 - 2000	1350						280	660
DPC2A-Q15-58.198				680 - 2060	1400						285	670
DPC2A-Q25-58.196	2500	500	2A	580 - 1960	1300	40	120	1300	1200	177	270	650
DPC2A-Q25-58.197				630 - 2010	1350						280	660
DPC2A-Q25-58.198				680 - 2060	1400						285	670
DPC3A-Q30-58.196	3000	500	3A	580 - 1960	1300	45	120	1300	1400	177	250	700
DPC3A-Q30-58.197				630 - 2010	1350						260	715
DPC3A-Q30-58.198				680 - 2060	1400						265	724
DPC3A-Q35-58.196	3500	500	3A	580 - 1960	1300	45	120	1300	1400	177	250	700
DPC3A-Q35-58.197				630 - 2010	1350						260	715
DPC3A-Q35-58.198				680 - 2060	1400						265	724
DPC4A-Q50-58.196	5000	600	4A	580 - 1960	1300	50	120	1300	1500	194	330	856
DPC4A-Q50-58.197				630 - 2010	1350						340	868
DPC4A-Q50-58.198				680 - 2060	1400						345	880

It has one hydraulic function.

It is used in all palletized shipments, especially beverages, gas concrete, ceramics.

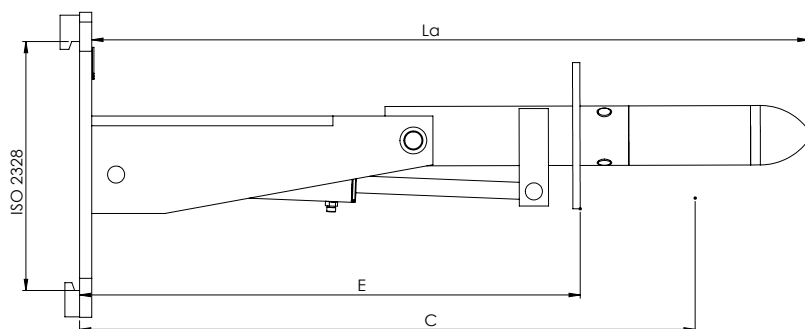
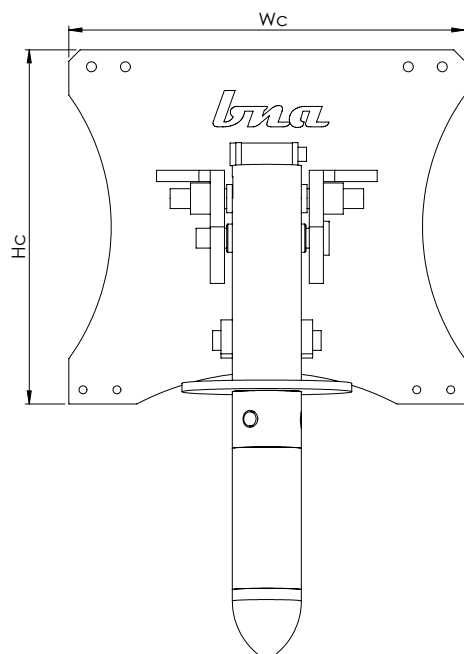
It is used to transport 2 or 4 pallets instead of 1.

Please contact your customer representative for capacity and fork size calculations.

Side shifter feature can be added according to customer request. Attachment with side shifter has two hydraulic functions.



WIRE ROLL ATTACHMENTS



	CAPACITY	LOAD CENTER	MOUNTING CLASS	CHASSIS WIDTH	ARM LENGTH	ROLL DIAMETER	WEIGHT
PRODUCT CODE	Q kg	LC mm	ISO 2328	Wc mm	La mm	R mm	M kg
SRA2A-Q07	750	1000	2A / 3A	700	470	600	200
SRA2A-Q12	1250				670	1000	235

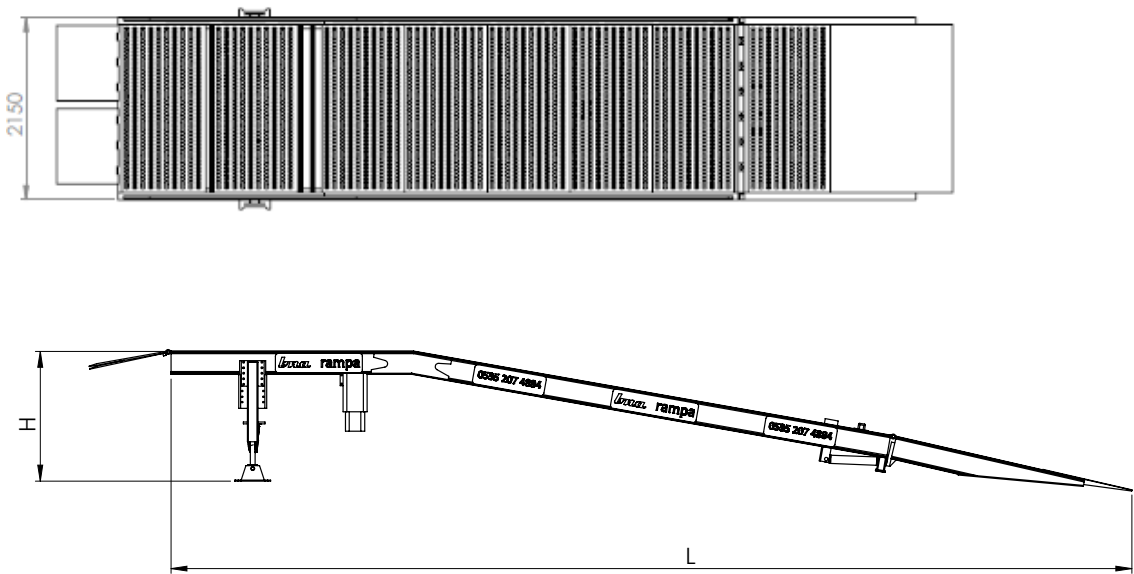
It has one hydraulic function.

It is used to transport wire, cable and similar rolls.

It is possible to produce in different sizes and capacities according to the customer's request.



MOBILE DOCK RAMP



PRODUCT CODE	CAPACITY	LENGTH	WIDTH (INNER TO INNER)	MINIMUM & MAXIMUM HEIGHT	CHASSIS THICKNESS	WEIGHT
	Q kg	Lc m	W mm	H1-H2 mm	NPU mm	M kg
RMP-Q90-100	9000	10	2000	1150 - 1600	200	3000
RMP-Q120-100	12000				220	3250
RMP-Q150-100	15000				240	3500

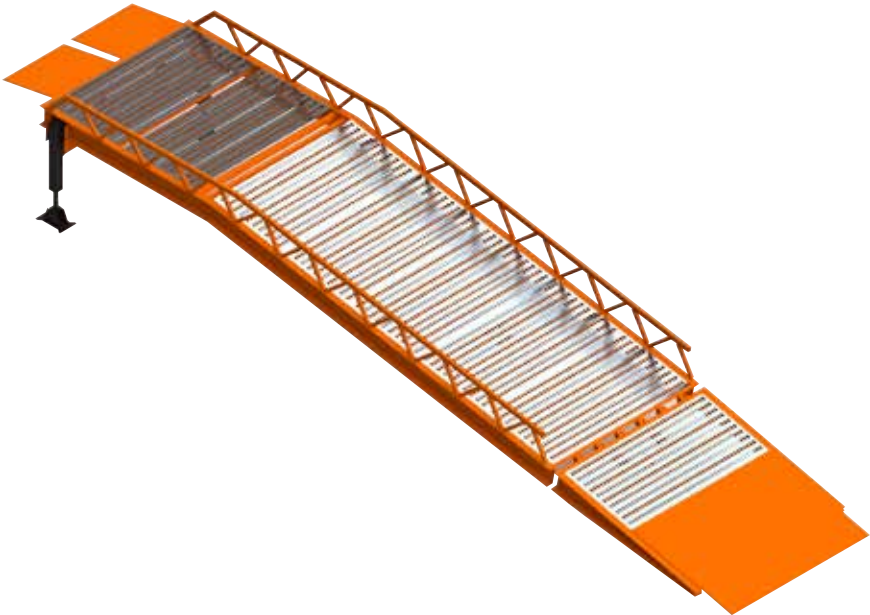
Since the ramp is mobile, it can be taken to the desired location with the help of forklift.

It has manual jack. Forklift entrance part is hydraulically raised.

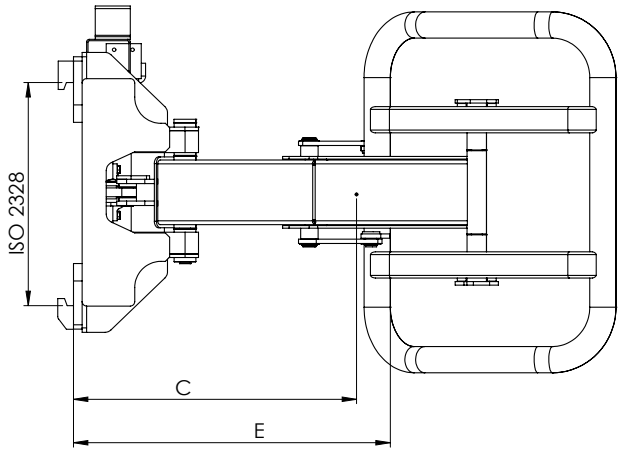
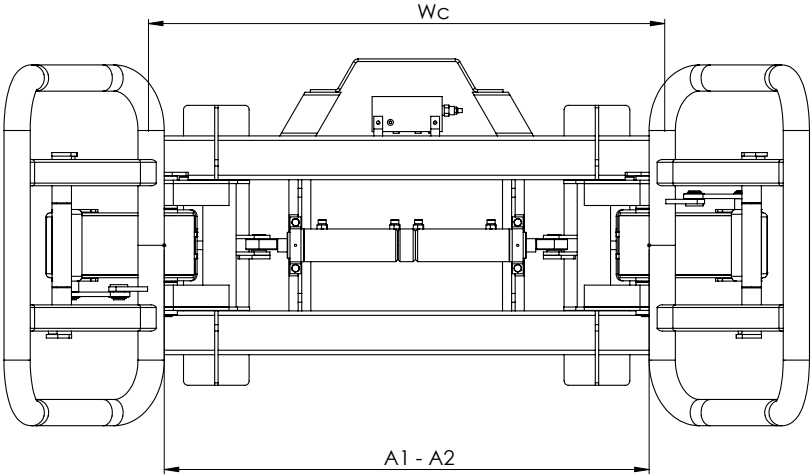
A full plug-in grid with 35x35mm mesh, 3mm thickness and 40mm height is used.

The grille is galvanized against corrosion.

Mobile forklift ramps can be produced in different capacities and sizes.



SILAGE ATTACHMENT



PRODUCT CODE	CAPACITY	LOAD CENTER	MOUNTING CLASS	OPENING RANGE	CHASSIS WIDTH	ARM LENGTH	ARM HEIGHT	LENGTH	CENTER OF GRAVITY	WEIGHT
	Q kg	Lc mm	ISO 2328	A1-A2 mm	Wc mm	La mm	Ha mm	L mm	C mm	M kg
SLA2A-Q12-52.140	1200	800	2A / 3A	525 - 1400	1180	800	750	1350	351	205
SLA2A-Q12-65.155				650 - 1550						

It has one hydraulic function.

It is used for stacking polyurethane-coated silages or unpackaged round bales.





