

2021



www.wontonne.com

液压产品手册

HYDRAULIC PRODUCT CATALOGUE

厦门万动智能科技有限公司
Xiamen Wontonne Tech Co., Ltd



ABOUT US



核心价值观 | OUR CORE VALUE

善进者 无止境
ADVANCE WELL WITHOUT END



我们的使命 | OUR MISSION

为您传递更高价值实现您最优的商业效益。
DELIVER MORE VALUE YOU NEED AND HIGH UP YOUR MARGIN
IN YOUR MATERIAL HANDLING BUSINESS



我们的愿景 | OUR VISION

成为您永远可靠的产品供应商和合作伙伴
BECOME YOUR RELIABLE PRODUCTS SUPPLIER
AND PARTNER FOREVER

万动介绍

WONTONNE COMPANY

万动是行业领先的物料搬运设备提供商,拥有20多年行业资深经验,以其专业研发、精益制造的产品和供应链整合的优势,为您提供叉车、叉车属具和配件的专业服务,最大程度提高您的搬运效率。我们的使命是想您所需,为您传递更高价值,实现您最优的商业效益。

我们的产品和服务在中国、东盟、澳大利亚、南亚、中东和欧洲等主流和高成长市场获得高度认可。我们提供一站式解决方案,满足您在标准和定制化产品中的多样化需求,以提高您的市场竞争力。

WONTONNE is a leading solutions provider of material handling equipment in the industry, with 20+ years experiences in the field, have professional designing, lean manufacturing and supply chain integrations to focusing on new forklift trucks, forklift attachments and replacement parts for forklift truck and forklift attachment, maximizing your handling efficiency. Our mission is to deliver more value you need and high up your margin in your material handling business.

We have achieved great popularity in China, ASEAN, Australia, South Asia, The Middle East, and Europe market. We provide one-stop solutions to meet the demand of standards products and local customizations design to enhance your competitiveness in the high competition business world.



万动叉车属具

WONTONNE FORKLIFT ATTACHMENT

作为一家深受市场认可的叉车属具制造商，万动提供丰富的叉车属具产品以满足您多样化的搬运需求。我们的产品适用于不同货物、不同行业，如食品饮料、造纸、家电、物流、建筑、农业、回收等。我们的液压属具产品有软包夹、纸卷夹、侧移器、旋转器、推拉器等，机械属具产品有倾翻斗、货叉、货叉套、坡道平台等。我们也欢迎各种贴牌、定制和批量订单。

任何时间、任何地点，万动属具都是您提高搬运效率的好“帮手”。我们的销售代表将与您一起商讨最高性价比的解决方案，也竭诚欢迎您加入万动属具经销队伍，共创双赢合作。

As one of Chinese most popular material handling attachments manufacturer, we offer a wide range of attachments for all material handling situations. Our products are types of your handling demand and flexible for different industries such as food and beverage, paper handling, white goods applications, the logistic industry, constructions, agricultural sector, recycling industry. We provide hydraulic attachments like bale clamp, paper roll clamp, side shifter, rotators and push pulls. And mechanical attachments like skip bins, fork, fork shoe, container ramps etc. We also welcome your OEM enquiry with bulk order and customizations.

Anytime, anywhere, we are your kind help to maximize your productivity of your equipment with equipped them with flexible “hands”. Our sales representatives will work with you to find the most cost-effective solutions for your niche market. Welcome to be our local agent to make win-win situations.

选择属具 Choice Of Attachment

叉车属具的应用可以提升叉车的功能。因此如何选择属具变得非常重要，手册上的技术参数非常有用。

The application of a forklift attachment comes from the need to improve the performances of the forklift itself. For this reason the choice of the attachment is very important and therefore its technical details, indicated in the catalogue, could be very useful.

型号 Model Number

手册中表格里的型号就代表属具的型号。型号也将显示在我们的订单确认表、发货单和发票中。同时它还将和序列号、主要技术参数显示在属具铭牌上，这对于将来采购零配件非常重要。

The model number indicated in the tables identifies the attachment. The model number will also be reported in our order confirmation, delivery note and invoice. It will also be reported, together with the serial number and the main technical details, on the nameplate of the attachment, which is very important for future spare parts orders.

承载能力 Attachment Capacity

属具的承载能力是指在一定载荷中心所能提供的最大承载能力。请注意：对于属具其所示的最大承载能力是夹持结构所能安全夹持的重量，但这并不一定是属具所能夹持的重量，因为不同的货物有不同的形状、摩擦系数，挂装在不同吨位的叉车也会有影响。由于实际所需的夹持力经常大于该值，我们在选择属具时需要将工况考虑进去。实际的承载能力，请从叉车制造商获得。

Attachment capacity refers to the maximum capacity that can be provided at a certain load center. Please notice that the capacity indicated in the column represents the weight that its clamping structure can safely hold, it isn't the weight that the attachment can hold, it is impacted by different goods of different shapes and friction coefficients and different tonnages forklifts. Because the actual required clamping force is often greater than this value, we must take the working conditions into consideration. The actual capacity must be confirmed by the manufacturer of the forklift.

技术资料 Technical Document

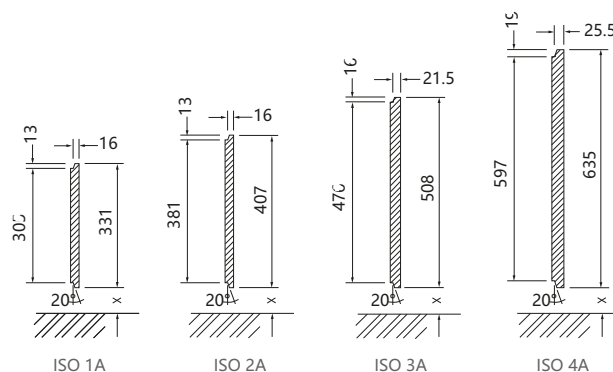
可以从我司网站上查找万动属具的相关信息、技术参数、产品手册、产品图片、相关视频等资料。万动保留修改相关技术资料的权力，恕不另行通知。
详细信息请访问我司网址：www.wontonne.com

You can find the relevant info, technical parameters, products catalogue, product pictures and video on our website. Wontonne reserves the right to modify the relevant technical data without prior notice. Further info please visit our website: www.wontonne.com

安装等级 Mounting Class

属具安装等级是指属具产品背面的挂钩安装型式。标准产品均带有这些挂钩，要求叉车货叉架符合国际标准，以便正确的挂装连接。

Mounting class refers to the type of mounting hooks on the rear face of the attachment. These standard hooks are supplied with the attachment. The forklift requires industry standard hook-type carriage bars to utilize these standard hooks.



Mounting Class	Forklift Capacity @ Load Center	X
	kg/mm	mm
ISO 1A	From 0 to 999/500	76
ISO 1B		114
ISO 2A	From 1000 to 2500/500	76
ISO 2B		152
ISO 3A	From 2501 to 4999/500	76
ISO 3B		203
ISO 4A	From 5000 to 8000/600	127
ISO 4B		254

工作压力和流量 Working Pressure & Flow

请注意所有属具都指定了最小和最大流量及最大工作压力。最大工作压力是一个基本要求，不能超过。为使属具工作性能达到最佳，我们强烈建议您请按照推荐的流量值进行供油。

Please note that all attachments specify a minimum and maximum flow and a maximum pressure. The maximum pressure is a requirement and cannot be exceeded. The flow value is suggestion for optimum performance. We strongly urge you to follow the suggest.

销售和质保条款 Sale & Warranty

具体销售和质保条款请联系我司销售部。

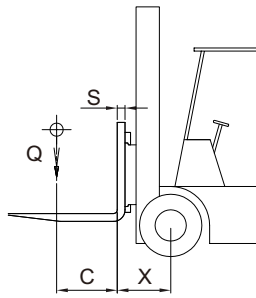
Detail terms of sale and warranty please contact our sale department.

退换货条款 Return & Exchange

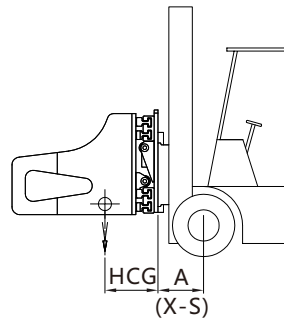
具体退换货条款请联系我司销售部。

Detail terms of return and exchange please contact our sale department.

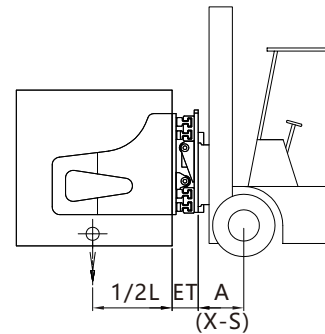
FORKLIFT



ATTACHMENT



LOAD



Q = 叉车的额定承载能力 (kg)
X = 前轮中心至货叉前端的水平距离 (mm)
C = 货叉前端面至载荷中心的水平距离 (mm)
S = 货叉厚度 (mm)
M = 属具自重 (kg)
A (A=X-S) 前轮中心至货叉架前端的水平距离 (mm)
HCG = 货叉前端面至属具中心的水平距离 (mm)
ET = 货叉前端面至载荷后端的水平距离 (mm)
1/2L = 载荷后端面至载荷中心的水平距离 (mm)

Truck' s basic capacity (kg)
Distance from front wheel center line to fork face (mm)
Distance from fork face to rated load center (mm)
Fork thickness (mm)
Weight of attachment (kg)
Distance from front wheel center line to carriage face (mm)
Distance from carriage face to attachment' s center of gravity
Distance from carriage face to rear face of the load (mm)
Distance from rear face of load to center of load (mm)

综合承载能力计算

Forklift/Attachment Capacity Calculate

$$C_N = \frac{Q(X+C) - M(X-S+HCG)}{A + ET + 1/2L}$$

不管您是购买带有属具的叉车还是自己安装属具到叉车上，考虑承载的因素对您的选择是非常重要的。除了安全方面，稳定性和避免对叉车的损坏，应该保证叉车可以完成需要的工作。

通常情况下，属具会使叉车和货物的重心向前移动。它通过将自己的重量加到负载侧，并将叉车的载荷中心向前移动来达到这一点。重心向前移动得越远，载重就必须越小，叉车向前倾斜的可能性就越大。

叉车制造商一般使用标准的公式计算叉车装上属具后的最终承载。图中所用的公式是典型的。许多叉车制造商不喜欢只依赖公式计算，而是使用测试方法，如倾斜测试。

这里使用的公式可以帮助你确认承载，实际上就是你的载重限制，实际上会低于叉车的原始额定承载。

如果载重限制内的承载无法满足你的作业工作，你可能需要一辆原始载重更高的叉车。因此，属具的选择也影响叉车的选择。

把计算公式视为经验法则以外的参考依据是可取的。它们为你与供应商的讨论提供了良好的基础，并让你了解你的大概限度。为了准确确定属具和叉车的承载，您应该联系您的叉车制造商。

The capacity factor is important in your selection, regardless of whether you are buying the truck with the attachment or are adding the attachment to a truck yourself. In addition to the safety aspect –stability and avoidance of damage to the truck – you should assure yourself that the truck can do the work you need done.

Normally, an attachment tends to move the center of gravity of the combined truck and load forward. It does this by adding its own weight to the load side of the fulcrum, and by moving the truck' s load center forward. The farther forward the center of gravity moves, the smaller the load weight must be and the more likely the truck is to tip forward.

Truck manufacturers generally calculate the net capacity of a truck, with an attachment, using simple formulas. The formula used in the illustration is typical. Many truck manufacturers prefer not to rely on arithmetic alone, but use test methods, such as the tilt-table test.

The formula used here helps you find the net capacity which is, in effect, your load-weight limit, and can be substantially lower than the truck' s original rated capacity.

If the load-weight limit is too restricting for your job, you will probably need a truck with a higher original capacity rating. Thus selection of an attachment can also involve selection of a truck.

It may be wise not to regard arithmetic formulas as anything more than rules of thumb. They provide a good basis for discussion with your supplier, and give you an idea of your ballpark limits. For exact determination of the attachment/ truck capacity, you should contact your truck manufacturer.



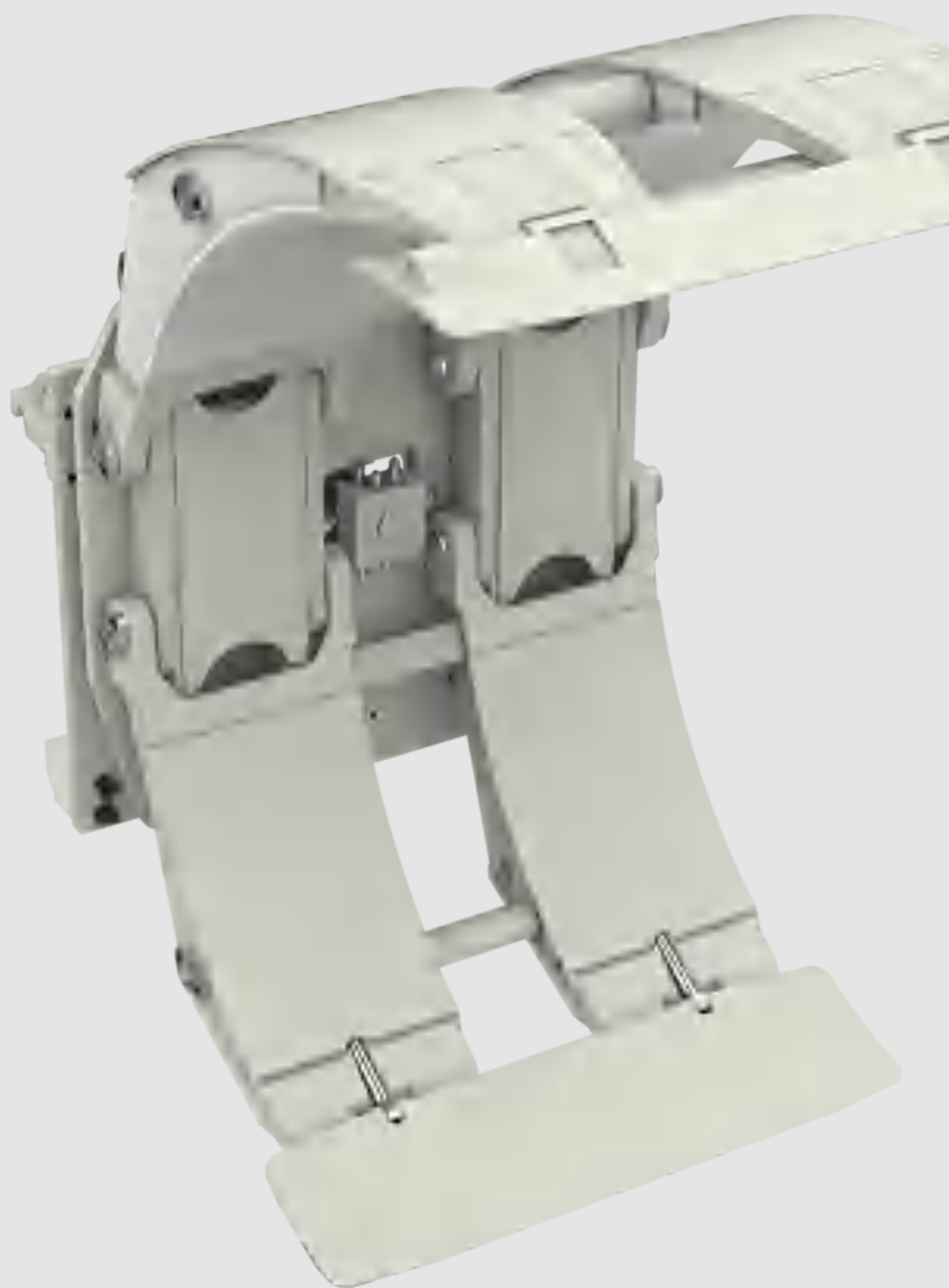
万动叉车属具

WONTONNE BRAND
FORKLIFT ATTACHMENT



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1 纸卷夹 Paper Roll Clamp

纸卷夹能够对纸卷进行高效、安全、无破损的搬运和堆垛作业，并能夹紧纸卷连续360°旋转，方便纸卷的水平和垂直交换作业，广泛应用于造纸、纸箱、包装、印刷、港口等行业和对各类纸卷进行无托盘搬运与堆垛。

The paper roll clamp can carry out efficient, safe, non-damaged handling and stacking of paper roll, and can clamp the paper roll to rotate continuously 360°, facilitating horizontal and vertical exchange of paper roll. It is widely used in papermaking, packaging, printing, port and other industries for pallet-free handling and stacking of all kinds of paper rolls.

1.1 F系列纸卷夹 F Series Paper Roll Clamp

1.4 软性纸卷夹 Tissue Paper Roll Clamp

1.5 纸卷夹选型表 Paper Roll Clamp Work sheet

1.1 15F 纸卷夹
15F Paper Roll Clamp

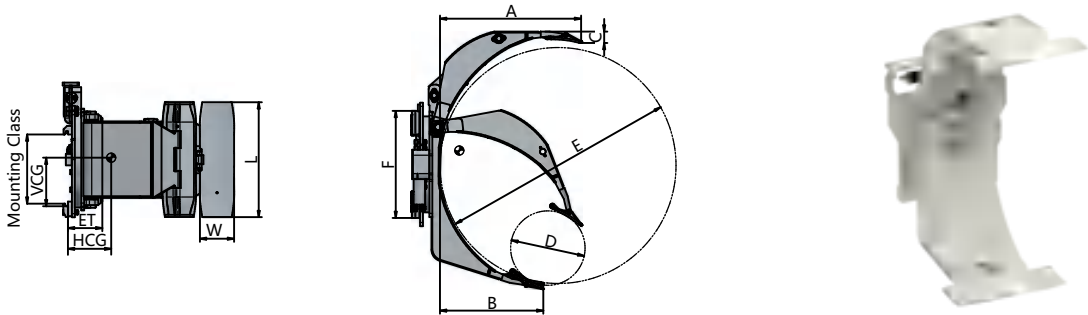


Table with 15 columns: Capacity, Load Center, Roll Range, Model No., Type, Mounting Class, Mounting Angle, Long Arm Length, Short Arm Length, Vertical Center of Gravity, Horizontal Center of Gravity, Weight, Effective Thickness. It lists specifications for models RCF15F-013A, RCF15F-013B, RCF15F-014A, and RCF15F-014B.

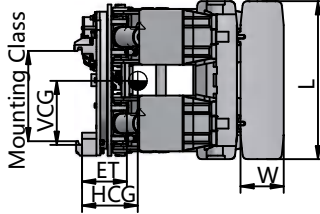
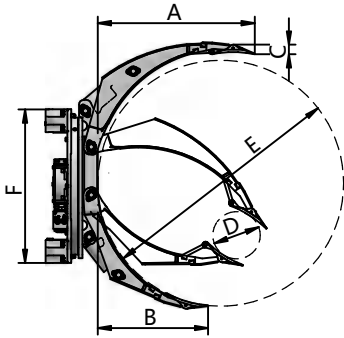
Technical Details table with 2 main sections: Pressure (Bar) and Hydraulic Flow (L/min). It includes sub-sections for Rotating and Clamp actions with Min, Rec, and Max values.

注：① 实际的叉车/属具综合承载能力请从叉车厂方获得。
Obtain the actual capacity of the forklift and attachments from the forklift manufacturer.
② 堆垛高度大于5500mm时，必须采用0°安装角。
0° mounting must be used when stacking above 5,500mm.
③ 可根据用户的需要提供适应不同纸卷夹持的非标准型夹板。
Provide the non-standard contact pad as required.



1.2 20F/30F纸卷夹

20F/30F Paper Roll Clamp



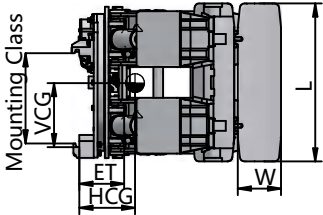
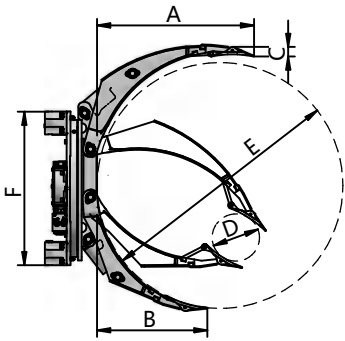
Capacity	Load Center	Roll Range	Model No.	Mounting Class	Mounting Angle	Arm Length	Short Arm Length	Long Arm Thickness	Vertical Center of Gravity	Horizontal Center of Gravity	Weight	Effective Thickness
承载能力	载荷中心	纸卷直径 D-E	型号	安装等级	安装角度	长臂长度 A	短臂长度 B	长臂厚度 C	垂直重心 VCG	水平重心 HCG	自重	失载距 ET
kg	mm	mm				mm	mm	mm	mm	mm	kg	mm
短臂固定式 Fixed Short Arm												
2000	650	630-1300	RCF20F-002A	ISO 2A	0°	825	570	45	343	282	667	197
2000	650	630-1300	RCF20F-002B	ISO 3A	0°	825	570	45	343	320	681	237
2000	750	530-1500	RCF20F-004A	ISO 2A	0°	955	775	95	343	280	744	197
2000	750	530-1500	RCF20F-004B	ISO 3A	0°	955	775	95	343	304	758	197
2000	800	630-1600	RCF20F-005A	ISO 2A	0°	955	775	95	343	301	755	183
2000	800	630-1600	RCF20F-005B	ISO 3A	0°	955	775	95	343	301	755	216
1700	915	680-1830	RCF20F-007A	ISO 2A	0°	1130	930	115	343	445	880	239
1700	915	680-1830	RCF20F-007B	ISO 3A	0°	1130	930	115	343	445	880	239
2000	675	690-1350	RCF20F-010A	ISO 2A	0°	825	570	45	343	320	665	237
2000	675	690-1350	RCF20F-010B	ISO 3A	0°	825	570	45	343	320	665	237
2700	760	560-1520	RCF30F-010B	ISO 3A	0°	955	685	45	343	307	823	198
2700	675	590-1350	RCF30F-012B	ISO 3A	0°	850	570	50	343	272	752	198
短臂可调式 Positioned Short Arm												
2000	650	250-1300	RCP20F-001A	ISO 2A	0°	825	570	45	343	287	677	197
2000	650	250-1300	RCP20F-001B	ISO 3A	0°	825	570	45	343	325	690	237
2000	750	250-1500	RCP20F-003A	ISO 2A	0°	955	775	95	343	283	751	197
2000	750	250-1500	RCP20F-003B	ISO 3A	0°	955	775	95	343	307	765	237
2000	800	350-1600	RCP20F-006A	ISO 2A	0°	955	775	95	343	304	765	183
2000	800	350-1600	RCP20F-006B	ISO 3A	0°	955	775	95	343	304	765	216
1700	915	380-1830	RCP20F-008A	ISO 3A	0°	1130	930	115	343	445	886	239
1700	915	380-1830	RCP20F-008B	ISO 3A	0°	1130	930	115	343	445	886	239
2000	675	310-1350	RCP20F-009A	ISO 2A	0°	825	570	45	343	320	675	237
2000	675	310-1350	RCP20F-009B	ISO 3A	0°	825	570	45	343	320	675	237
2700	675	330-1350	RCP30F-009B	ISO 3A	0°	850	570	50	343	272	759	198
2700	760	250-1520	RCP30F-011B	ISO 3A	0°	955	685	45	343	307	830	198

技术参数 TECHNICAL DETAILS

压力值 Pressure (Bar)		流量值 Hydraulic Flow (L/min)					
		旋转动作 Rotating			张夹动作 Clamp		
最小 Min.	最大 Max.	最小 Min.	推荐 Rec.	最大 Max.	最小 Min.	推荐 Rec.	最大 Max.
35	160	19	38	57	19	38	57

注：① 实际的叉车/属具综合承载能力请从叉车厂方获得。
Obtain the actual capacity of the forklift and attachments from the forklift manufacturer.
② 堆垛高度大于5500mm时，必须采用0°安装角。
0° mounting must be used when stacking above 5,500mm.
③ 可根据用户的需要提供适应不同纸卷夹持的非标准型夹板。
Provide the non-standard contact pad as required.

1.3 35F/45F 纸卷夹
35F/45F Paper Roll Clamp

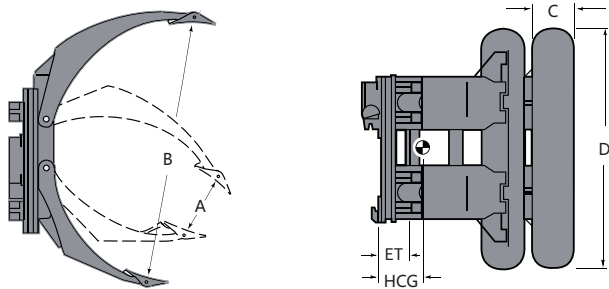


Capacity 承载能力	Load 载荷中心	Roll 纸卷直径	Model 型号	Mounting 安装等级	Mounting 安装角度	Long Arm Length 长臂长度 A mm	Short Arm Length 短臂长度 B mm	Long Arm Thickness 长臂厚度 C mm	Vertical Center of Gravity 垂直重心 VCG mm	Horizontal Center of Gravity 水平重心 HCG mm	Weight 自重 kg	Effective Thickness 失效距 ET mm
短臂固定式 Fixed Short Arm												
3500	760	610-1520	RCF35F-002B	ISO 3A	0°	1000	670	65	430	353	1180	218
3500	760	610-1520	RCF35F-002C	ISO 4A	0°	1000	670	65	500	353	1190	218
2700	915	635-1830	RCF35F-004B	ISO 3A	0°	1165	810	65	430	353	1280	218
2700	915	635-1830	RCF35F-004C	ISO 4A	0°	1165	810	65	500	353	1289	218
4100	760	530-1520	RCF45F-002C	ISO 4A	2°	965	680	85	560	310	1285	198
3400	915	660-1830	RCF45F-004C	ISO 4A	2°	1105	815	85	560	338	1376	198
2700	1100	850-2200	RCF45F-006C	ISO 4A	2°	1305	915	85		380	1480	198
短臂可调式 Positioned Short Arm												
3500	760	250-1520	RCP35F-001B	ISO 3A	0°	1000	670	65	430	320	1190	218
3500	760	250-1520	RCP35F-001C	ISO 4A	0°	1000	670	65	500	320	1199	218
2700	915	360-1830	RCP35F-003B	ISO 3A	0°	1165	810	65	430	353	1289	218
2700	915	360-1830	RCP35F-003C	ISO 4A	0°	1165	810	65	500	353	1298	218
4100	760	250-1520	RCP45F-001C	ISO 4A	2°	965	680	85	560	310	1294	198
3400	915	360-1830	RCP45F-003C	ISO 4A	2°	1105	815	85	560	338	1385	198
2700	1100	450-2200	RCP45F-005C	ISO 4A	2°	1305	915	85		380	1490	198

技术参数 TECHNICAL DETAILS							
压力值 Presure (Bar)		流量值 Hydraulic Flow (L/min)					
		旋转动作 Rotating			张夹动作 Clamp		
最小 Min.	最大 Max.	最小 Min.	推荐 Rec.	最大 Max.	最小 Min.	推荐 Rec.	最大 Max.
35	160	38	57	76	38	57	76

注：① 实际的叉车/属具综合承载能力请从叉车厂方获得。
Obtain the actual capacity of the forklift and attachments from the forklift manufacturer.
② 堆垛高度大于5500mm时，必须采用0°安装角。
0° mounting must be used when stacking above 5,500mm.
③ 可根据用户的需要提供适应不同纸卷夹持的非标准型夹板。
Provide the non-standard contact pad as required.

1.4 软性纸卷夹
Tissue Paper Roll Clamp



Capacity 承载能力	Load Center 中心	Roll Range 纸卷 直径 D-E	Model No. 型号	Mounting Class 安装 等级	Mounting Angle 安装 角度	Long Arm Length 长臂 长度 A	Short Arm Length 短臂 长度 B	Long Arm Thickness 长臂 厚度 C	Vertical Center of Gravity 垂直 重心 VCG	Horizontal Center of Gravity 水平 重心 HCG	Weight 自重	Effective Thickness 失效距 ET
kg	mm	mm				mm	mm	mm	mm	mm	kg	mm
短臂固定式 Fixed Short Arm												
1200	650	410-1300	RTF15F-013A-850	ISO 2A	0°	790	580	-	330	221	354	135
1200	650	410-1300	RTF15F-013B-850	ISO 3A	0°	790	580	-	330	221	354	135
2000	650	630-1300	RTF20F-002B-1300	ISO 3A	0°	825	570	45	343	320	681	237
2000	750	530-1500	RTF20F-004B-1300	ISO 3A	0°	955	775	95	343	304	758	237
2000	800	630-1600	RTF20F-005B-1300	ISO 3A	0°	955	775	95	343	301	755	216
1700	915	680-1830	RTF20F-007B-1300	ISO 3A	0°	1130	930	115	343	445	880	239
短臂可调式 Positioned Short Arm												
2000	650	250-1300	RCP20F-001B-1300	ISO 3A	0°	825	570	45	343	325	690	237
2000	750	250-1500	RTP20F-003B-1300	ISO 3A	0°	955	775	95	343	307	765	237
2000	800	350-1600	RTP20F-006B-1300	ISO 3A	0°	955	775	95	343	304	765	216
1700	915	380-1830	RCP20F-008A-1300	ISO 3A	0°	1130	930	115	343	445	886	239

技术参数 TECHNICAL DETAILS								
型号 Model	压力值 Pressure (Bar)		流量值 Hydraulic Flow (L/min)					
			旋转动作 Rotating			张夹动作 Clamp		
	最小 Min.	最大 Max.	最小 Min.	推荐 Rec.	最大 Max.	最小 Min.	推荐 Rec.	最大 Max.
15F	35	160	19	26	38	19	26	38
20F	35	160	19	38	57	19	38	57

注：① 实际的叉车/属具综合承载能力请从叉车厂方获得。
Obtain the actual capacity of the forklift and attachments from the forklift manufacturer.
② 堆垛高度大于5500mm时，必须采用0°安装角。
0° mounting must be used when stacking above 5,500mm.
③ 可根据用户的需要提供适应不同纸卷夹持的非标准型夹板。
Provide the non-standard contact pad as required.

1.5 纸卷夹选型表

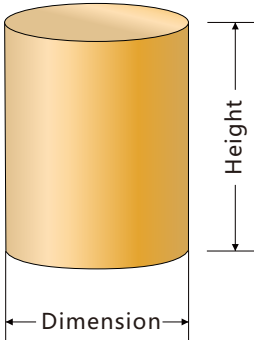
Paper Roll Clamp Worksheet



1. 纸卷信息 Roll Info

单个纸卷尺寸 Single roll dimension	重量 Weight	纸卷直径 Roll diameter	纸卷高度 Roll height	包装情况 Wrapped
最大直径纸卷 Largest roll				Y / N
最小直径纸卷 Smallest roll				Y / N
平均直径纸卷 Average roll				Y / N
最重纸卷 Heaviest roll				Y / N
其他重要尺寸纸卷 Other important size roll				Y / N

备注：纸卷的高度，指的是纸卷竖立站的总高度。
 Note:Roll height is the height of roll stand vertical.



2. 纸卷类型 Roll Type

- ☐ 新闻纸
Newsprint
 ☐ 牛皮箱纸板/预印纸
Kraft linerboard/Preprint
 ☐ 低密度软性纸-面巾纸
Low desity Tissue-Facial
 ☐ 石膏纸板
Gypsum Board facing
- ☐ 涂布纸/画报印刷纸
LWC
 ☐ 牛皮芯纸/瓦楞纸
Kraft medium/Fluting
 ☐ 中密度软性纸-纸巾纸
Medium density Tissue-Soft Towelling
 ☐ 半透明纸/防油纸
Glassine/Greaseproof
- ☐ 高级日历纸/单双面涂布纸
SC
 ☐ 强韧箱纸板
Liner
 ☐ 高密度软性纸-工业用
High density Tissue-Industrial
 ☐ 塑料纸/过塑纸
Plastic/Polywrapped
- ☐ 石版纸/高级纸
Lithographic/Fine
 ☐ 奶盒用纸板/涂蜡纸
Carton board/Waxed
 ☐ 无碳复写纸
Carbonless
- ☐ 白色印刷纸
White print
 ☐ 涂布箱纸板
Lineboard-coated

3. 每次搬运纸卷的堆垛方式 Roll Handling

- ☐ 双纸卷上下叠加
Twin-pack double rolls
 ☐ 单纸卷
Single wrap single rolls
 ☐ 不同直径纸卷叠加
Single wrap multiple rolls different Ø
- ☐ 多个相同直径纸卷叠加
Multiple rolls same Ø
 ☐ 两纸卷并排
Two rolls clamped together
- ☐ 三个或以上纸卷叠加成单个堆垛
Three or more rolls stacked singly
 ☐ 四个纸卷并排
Four rolls clamped together

4. 应用场合 Application Scenario

- ☐ 货车拖车
Truck trailers
 ☐ 集装箱
Container
 ☐ 火车
Railcars
 ☐ 仓储
Warehouse
 ☐ 码头装卸
Stevedoring

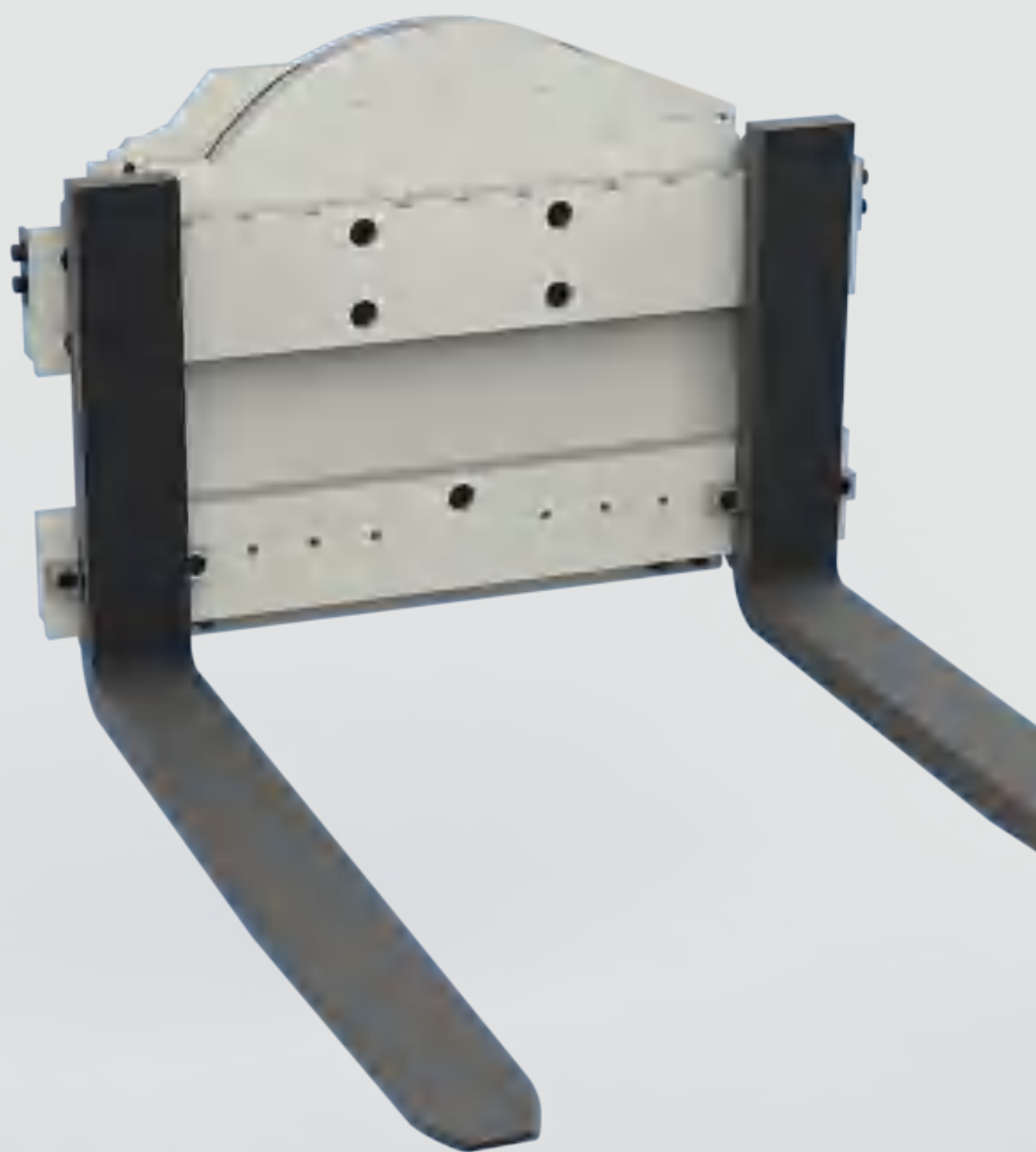
5. 夹持方式 Clamping

- ☐ 旋转
Revolving
 ☐ 非旋转
Non-Revolving
 ☐ 竖直夹持
Vertical handling
 ☐ 水平夹持
horizontal handling

6. 叉车信息 Truck Info

品牌Brand _____ 型号Model _____ 压力Pressure _____ 流量Flow _____





2 旋转器 Rotator

旋转器可以对需要转动或翻转的容器进行360°快速翻转,广泛应用于食品、化工、环卫、物品回收、冶炼铸造等行业。

Rotator can perform 360° flip of the container that needs to be rotated or flipped. It is widely used in food, chemical industry, sanitation, goods recycling, smelting and casting and other industries.

2.1 旋转器(标准型) Standard Rotator

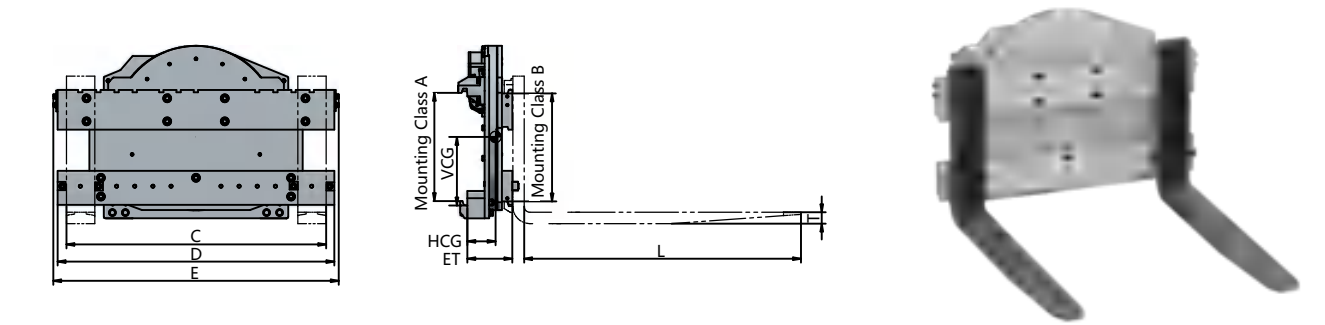
2.2 旋转器(大视野) Hollow-out Rotator



2.1 旋转器（标准型）

Standard Rotator

WONTONNE
万动科技



Capacity 承载能力	Load Center 载荷中心	Model No. 型号	Mountin Class 安装等级	Mounting Class 安装等级	Fork Max Spacing 货叉最大外间距	Carriage Width 横梁宽度	Overall Width 总宽	Min. Truck Carriage Width 最小货叉架宽度	Vertical Center of Gravity 垂直重心	Horizontal Center of Gravity 水平重心	Weight 自重	Effective Thickness 失载距
kg	mm		A	B	C mm	D mm	E mm	F mm	VCG mm	HCG mm	kg	ET mm
1700	500	RRB20D-001A	ISO 2A	ISO 2A	705	815	840	610	320	56	188	127
2200	500	RRB20D-006A	ISO 2A	ISO 2A	705	815	840	813	300	79	300	150
2200	500	RRB20D-007A	ISO 2A	ISO 2A	835	940	965	813	300	79	309	150
3000	500	RRB30D-008A	ISO 2A	ISO 2A	855	940	965	813	270	81	313	150
3000	500	RRB30D-009A	ISO 2A	ISO 2A	1060	1145	1170	813	265	84	327	150
3500	500	RRB35D-010B	ISO 3A	ISO 3A	990	1065	1090	813	290	124	390	201
3500	500	RRB35D-011B	ISO 3A	ISO 3A	1140	1220	1245	813	290	127	406	201
5400	600	RRB50D-001B	ISO 3A	ISO 3A	960	1065	1090	940	340	84	465	163
5400	600	RRB50D-001C	ISO 4A	ISO 3A	960	1065	1090	940	285	132	518	221
5400	600	RRB50D-002B	ISO 3A	ISO 3A	1418	1525	1550	940	330	91	513	163
5400	600	RRB50D-002C	ISO 4A	ISO 3A	1418	1525	1550	940	275	137	565	221
6800	600	RRB70D-001C	ISO 4A	ISO 4A	1245	1245	1285	1143	416	119	924	218
6800	600	RRB70D-002C	ISO 4A	ISO 4A	1550	1550	1590	1143	410	127	981	218
6800	600	RRB70D-003C	ISO 4A	ISO 4A	1855	1855	1895	1143	405	130	1040	218

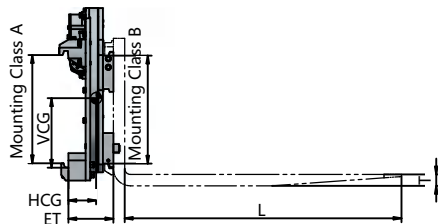
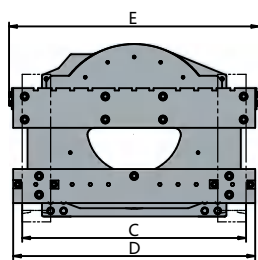
技术参数 TECHNICAL DETAILS					
型号 Model	压力值 Pressure (Bar)		流量值 Hydraulic Flow (L/min)		
	最小 Min.	最大 Max.	最小 Min.	推荐 Rec.	最大 Max.
20D	35	160	19	38	57
30D	35	160	19	38	57
35D	35	160	19	38	57
50D	35	160	26	45	57
70D	35	160	38	76	76

注：① 实际的叉车/属具综合承载能力请从叉车厂方获得。
Obtain the actual capacity of the forklift and attachments from the forklift manufacturer.

② 可根据用户需要加配货叉。请注意货叉本身的承载能力。
According to user needs to add forks. Please check forks capacity.

③ 部分旋转器下横梁上配有固定货叉的定位块，实际挂装时，请根据所配的货叉宽度调整定位块，选择其中一配合面，使货叉得以紧密固定，防止负载旋转时货叉滑动。
There are stopers for fixing fork on the lower beam of some rotators, when mounting forks on the rotator, please adjust the stoper to fix,make sure the forks will not move anyway while rotator revolving with load .

2.2 旋转器（大视野） Hollow-out Rotator

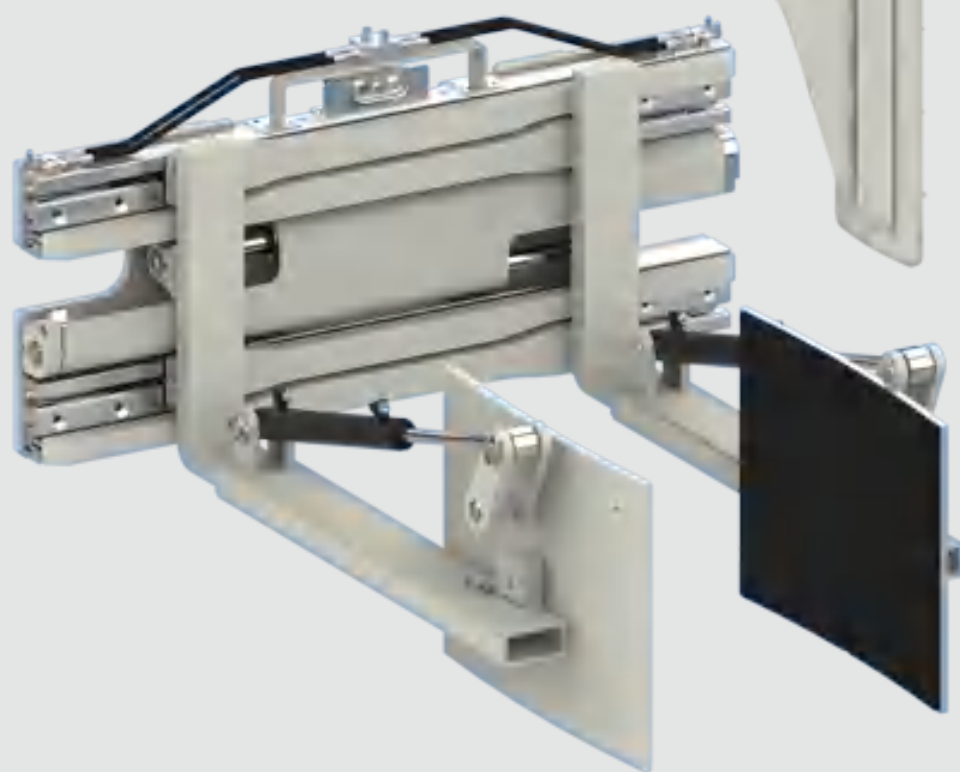
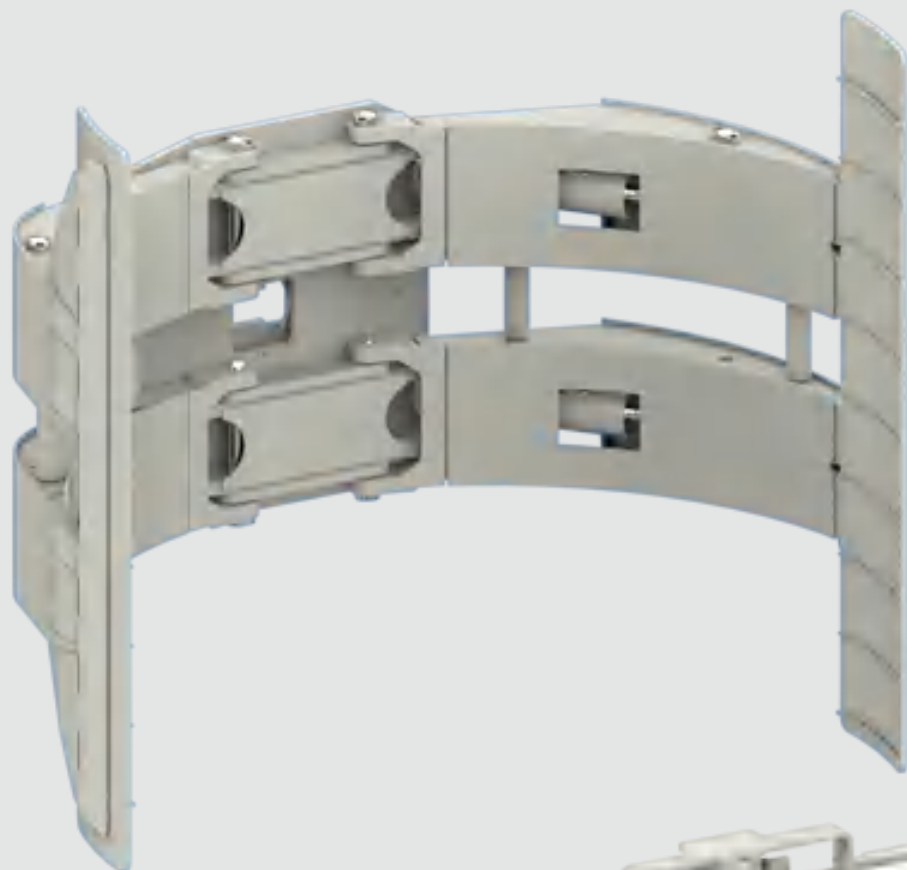


Capacity 承载能力	Load Center 载荷中心	Model No. 型号	Mounting Class 安装等级	Mounting Class 安装等级	Fork Max Spacing 货叉架最大外间距	Carriage Width 横梁宽度	Overall Width 总宽	Min. Truck Carriage Width 最小货叉架宽度	Vertical Center of Gravity 垂直重心	Horizontal Center of Gravity 水平重心	Weight 自重	Effective Thickness 失载距
kg	mm		A	B	C mm	D mm	E mm	F mm	VCG mm	HCG mm	kg	ET mm
1700	500	RRB20D-A101	ISO 2A	ISO 2A	705	815	840	813	268	64	178	127
3000	500	RRB30D-A101	ISO 2A	ISO 2A	886	970	995	813	305	83	313	150
3000	500	RRB30D-A103	ISO 2A	ISO 2A	1060	1145	1170	813	302	85	325	150
3500	500	RRB35D-B101	ISO 3A	ISO 3A	990	1065	1090	813	308	122	371	201
3500	500	RRB35D-B102	ISO 3A	ISO 3A	1140	1220	1245	813	306	124	388	201

技术参数 TECHNICAL DETAILS

型号 Model	压力值 Pressure (Bar)		流量值 Hydraulic Flow (L/min)		
	最小 Min.	最大 Max.	最小 Min.	推荐 Rec.	最大 Max.
20D	35	160	19	38	57
30D	35	160	19	38	57
35D	35	160	19	38	57
50D	35	160	26	45	57
70D	35	160	38	76	76

注：① 实际的叉车/属具综合承载能力请从叉车厂方获得。
Obtain the actual capacity of the forklift and attachments from the forklift manufacturer.
② 可根据用户需要加配货叉。请注意货叉本身的承载能力。
According to user needs to add forks. Please check forks capacity.
③ 部分旋转器下横梁上配有固定货叉的定位块，实际挂装时，请根据所配的货叉宽度调整定位块，选择其中一配合面，使货叉得以紧密固定，防止负载旋转时货叉滑动。
There are stopers for fixing fork on the lower beam of some rotators, when mounting forks on the rotator, please adjust the stoper to fix, make sure the forks will not move anyway while rotator revolving with load.



3 轮胎夹 Tyre Handler

轮胎夹能够对轮胎进行高效、安全、无破损的搬运和堆垛作业，方便轮胎的水平和垂直交换作业，广泛应用于轮胎行业。

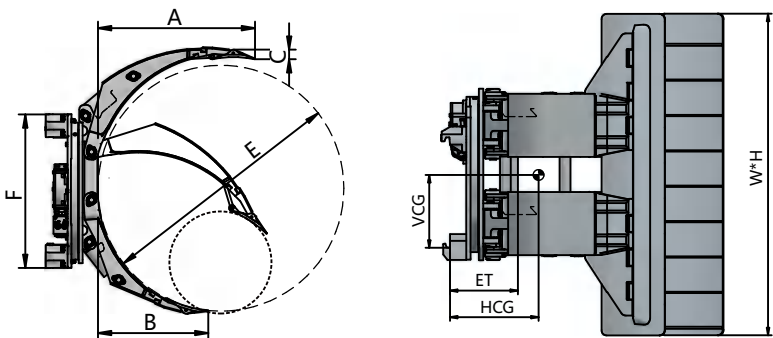
Tyre handler can handling and stacking tyres efficiently,safely and without damage. Horizontal and vertical switching operations are widely used in the tire industry.

3.1 F系列 F Series

3.2 D系列 D Series

3.1 F系列

F Series



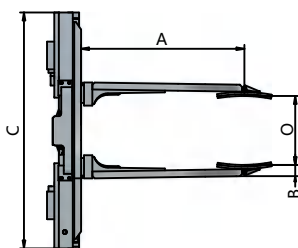
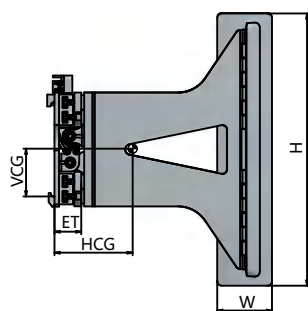
Capacity 承载能力	Load 载荷中心	Roll 纸卷直径 Range D-E	Model 型号	Mounting Class 安装等级	Mounting Angle 安装角度	Long Arm Length 长臂长度 A	Short Arm Length 短臂长度 B	Long Arm Thickness 长臂厚度 C	Contact Pad Size 夹板尺寸 W*H	Vertical Center of Gravity 垂直重心 VCG	Horizontal Center of Gravity 水平重心 HCG	Weight 自重	Effective Thickness 失载距 ET
kg	mm	mm				mm	mm	mm	mm	mm	mm	kg	mm
1200	650	410-1300	PTR15F-013A	ISO 2A	0°	790	580	60	230*1500	-	216	400	135
1200	650	410-1300	PTR15F-013B	ISO 3A	0°	790	580	60	230*1500	-	216	400	135
2000	650	630-1300	PTR20F-002A	ISO 2A	0°	825	570	45	300*1500	343	282	667	197
2000	650	630-1300	PTR20F-002B	ISO 3A	0°	825	570	45	300*1500	343	320	681	237
2000	750	530-1500	PTR20F-004A	ISO 2A	0°	955	775	95	300*1500	343	280	744	197
2000	750	530-1500	PTR20F-004B	ISO 3A	0°	955	775	95	300*1500	343	304	758	197
2000	800	630-1600	PTR20F-005A	ISO 2A	0°	955	775	95	300*1500	343	301	755	183
2000	800	630-1600	PTR20F-005B	ISO 3A	0°	955	775	95	300*1500	343	301	755	216
1700	915	680-1830	PTR20F-007A	ISO 2A	0°	1130	930	115	300*1500	343	445	880	239
1700	915	680-1830	PTR20F-007B	ISO 3A	0°	1130	930	115	300*1500	343	445	880	239

技术参数 TECHNICAL DETAILS							
压力值 Pressure (Bar)		流量值 Hydraulic Flow (L/min)					
		旋转动作 Rotating			张夹动作 Clamp		
最小 Min.	最大 Max.	最小 Min.	推荐 Rec.	最大 Max.	最小 Min.	推荐 Rec.	最大 Max.
35	160	19	38	57	19	38	57

注：① 实际的叉车/属具综合承载能力请从叉车厂方获得。
Obtain the actual capacity of the forklift and attachments from the forklift manufacturer.
② 要求叉车增加2组附加油路。
Require two additional hydraulic circles
③ 夹持轮胎总高度大于1/2夹板高度，但不能超出夹板高度。
The total height of tyres should between 1/2 height of contact pad to total height of contact pad.

3.2 D系列 D Series

滑臂式 Sliding Type



Capacity 承载能力	Load Center 载荷中心	Model No. 型号	Mounting Class 安装等级	Opening Range 张臂范围	Arm Length 臂长	Arm Thickness 臂厚	Frame Width 框架宽度	Contact Pad Size 夹板尺寸	Vertical Center of Gravity 垂直重心	Horizontal Center of Gravity 水平重心	Weight 自重	Effective Thickness 失载距
kg	mm			O mm	A mm	B mm	C mm	W*H mm	VCG mm	HCG mm	kg	ET mm
1800	900	PTR30D-119B	ISO 3A	400-1800	900	80	1300	300*1500	261	431	628	150

技术参数 TECHNICAL DETAILS

压力值 Pressure (Bar)		流量值 Hydraulic Flow (L/min)					
		侧移动作 Sideshifting			张夹动作 Clamp		
最小 Min.	最大 Max.	最小 Min.	推荐 Rec.	最大 Max.	最小 Min.	推荐 Rec.	最大 Max.
35	160	4	23	38	19	38	57

注：① 实际的叉车/属具综合承载能力请从叉车厂方获得。

Obtain the actual capacity of the forklift and attachments from the forklift manufacturer.

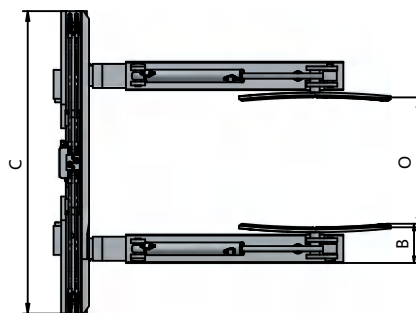
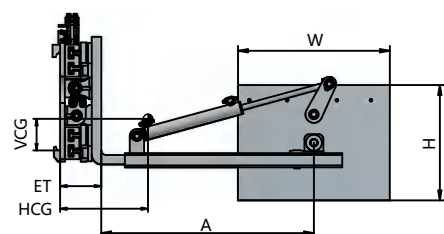
② 要求叉车增加2组附加油路。

Require two additional hydraulic circles

③ 夹持轮胎总高度大于1/2夹板高度，但不能超出夹板高度。

The total height of tyres should between 1/2 height of contact pad to total height of contact pad.

滑臂带倾翻式 Sliding with Tilt Type



Capacity 承载能力	Load Center 载荷中心	Model No. 型号	Mounting Class 安装等级	Opening Range 张臂范围	Arm Length 臂长	Arm Thickness 臂厚	Frame Width 框架宽度	Contact Pad Size 夹板尺寸	Vertical Center of Gravity 垂直重心	Horizontal Center of Gravity 水平重心	Weight 自重	Effective Thickness 失载距
kg	mm			O mm	A mm	B mm	C mm	W*H mm	VCG mm	HCG mm	kg	ET mm
1850	1000	PTR30D-006B	ISO 3A	700-2500	1125	210	1600	800*610	169	465	920	218

技术参数 TECHNICAL DETAILS

压力值 Pressure (Bar)		流量值 Hydraulic Flow (L/min)					
		侧移/倾翻动作 Sideshifting & Tilting			张夹动作 Clamp		
最小 Min.	最大 Max.	最小 Min.	推荐 Rec.	最大 Max.	最小 Min.	推荐 Rec.	最大 Max.
35	160	4	23	38	19	38	57

注：① 实际的叉车/属具综合承载能力请从叉车厂方获得。

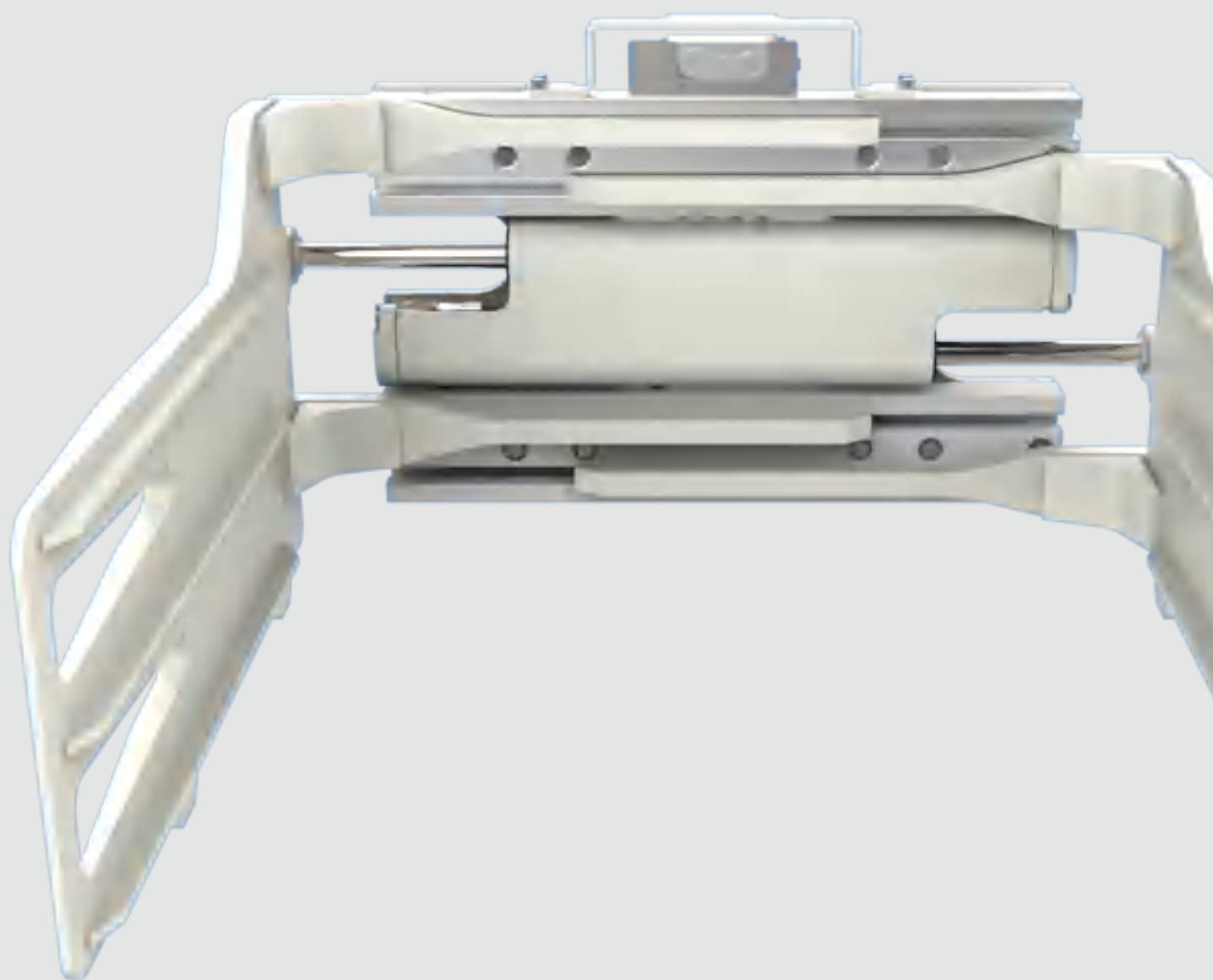
Obtain the actual capacity of the forklift and attachments from the forklift manufacturer.

② 要求叉车增加2组附加油路。

Require two additional hydraulic circles

③ 夹持轮胎总高度大于1/2夹板高度，但不能超出夹板高度。

The total height of tyres should between 1/2 height of contact pad to total height of contact pad.



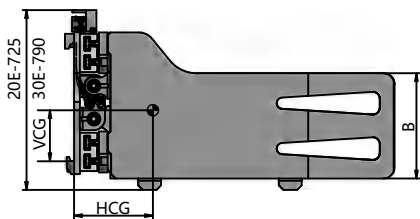
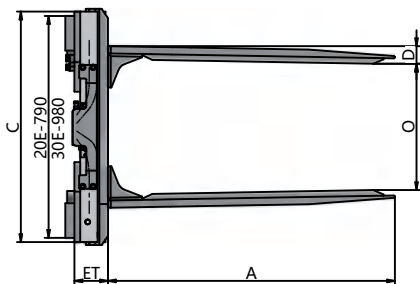
4 通用夹类 Clamps

通用夹类可搬运各种类型的货物,无论是废料回收、纸浆、箱状货物、软包类、桶类、轮胎、纺织品等均可选用合适的型号来满足物料搬运需求。

Solution for handling a wide variety of loads for a multitude of applications. Whether it's for recycling, pulp, boxes, bales, drums, tires, textlies or any number of applications, we can provide the appropriate model to meet the needs of material handling.

- 
- 4.1 软包夹 Bale Clamps
 - 4.3 海绵夹 Foam Rubber Clamps
 - 4.4 砖块夹 Block Clamps
 - 4.5 烟叶箱夹 Tobacco Carton Clamps
 - 4.6 多用刚臂夹 Multi-Purpose Clamps
 - 4.7 桶夹 Drum Clamps
 - 4.8 倾翻桶夹Tipping Drum Clamps
 - 4.9 圆杆夹 Bar-Arm Clamps
 - 4.10 无臂夹 No-Arm Clamps
 - 4.11 叉夹 Fork Clamps
 - 4.13 两用叉夹Turnaforks
 - 4.14 旋转叉夹Turnaloads

4.1 软包夹（侧移式） Bale Clamps (Sideshifting)



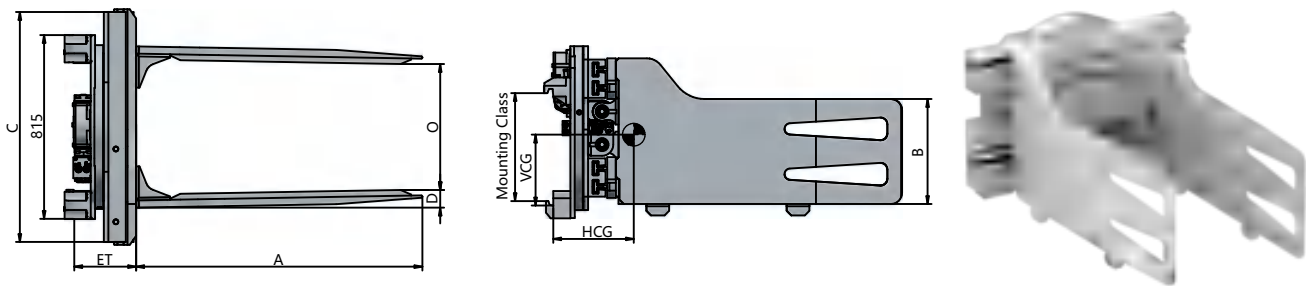
Capacity 承载能力	Load 载荷	Center 中心	Model 型号	Mounting Class 安装等级	Opening Range 张臂范围	Arm Length 臂长	Arm Height 臂高	Arm Thickness 臂厚	Frame Width 框架宽度	Vertical Center of Gravity 垂直重心	Horizontal Center of Gravity 水平重心	Weight 自重	Effective Thickness 失载距
kg	mm				O mm	A mm	B mm	D mm	C mm	VCG mm	HCG mm	kg	ET mm
1900	500		BCS20E-006A	ISO 2A	450~1730	991	415	70	1040	220	315	422	127
1900	500		BCS20E-006B	ISO 3A	450~1730	991	415	70	1040	220	315	422	127
1900	500		BCS20E-007A	ISO 2A	450~1730	1194	415	70	1040	196	393	429	132
1900	500		BCS20E-007B	ISO 3A	450~1730	1194	415	70	1040	196	393	429	132
2700	500		BCS30E-008A	ISO 2A	545~1890	991	464	78	1016	225	315	556	148
2700	500		BCS30E-008B	ISO 3A	545~1890	991	464	78	1016	225	312	579	148
2700	500		BCS30E-009A	ISO 2A	545~1890	1265	464	78	1016	225	348	590	148
2700	500		BCS30E-009B	ISO 3A	545~1890	1265	464	78	1016	225	348	590	148
2700	500		BCS30E-012A	ISO 2A	490~2300	1265	464	78	1600	230	298	710	148
2700	500		BCS30E-012B	ISO 3A	490~2300	1265	464	78	1600	230	298	710	148

技术参数 TECHNICAL DETAILS

型号 Model	压力值 Pressure (Bar)	流量值 Hydraulic Flow (L/min)					
		侧移动作 Sideshifting			张夹动作 Clamp		
	最大 Max.	最小 Min.	推荐 Rec.	最大 Max.	最小 Min.	推荐 Rec.	最大 Max.
20E	160	4	15	26	26	26	26
30E	160	4	23	38	15	38	38

- 注：① 实际的叉车/属具综合承载能力请从叉车厂方获得。
Obtain the actual capacity of the forklift and attachments from the forklift manufacturer.
- ② 要求叉车提供2组附加油路。
Require two additional hydraulic circles.
- ③ 张臂范围指的是软包夹夹臂臂尖间距。
Open range refer to the arm tip distance of bale clamp.
- ④ 臂厚D为实际作业所需的尺寸，区别于实际的夹臂厚度。
Arm thickness "D" is the actual requested operation spacing rather than plate thickness.

4.2 软包夹（旋转式）
Bale Clamps (Revolving)



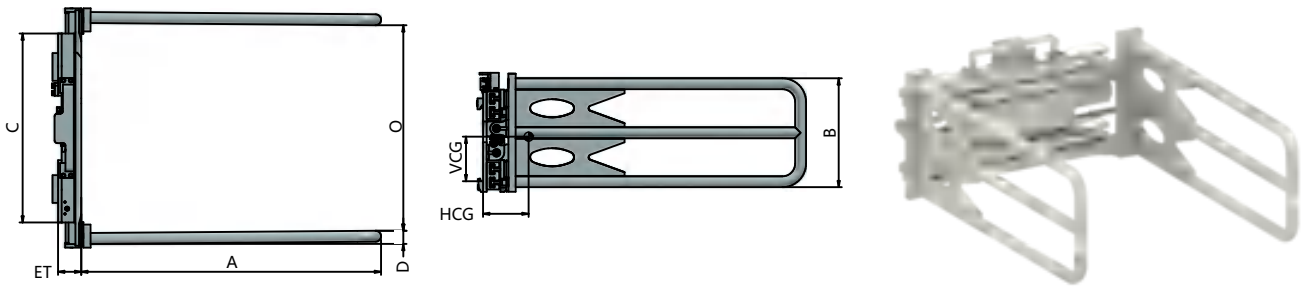
Capacity	Load	Model	Mounting	Opening	Arm	Arm	Arm	Frame	Vertical	Horizontal	Weight	Effective
承载能力	载荷中心	型号	安装等级	张臂范围	臂长	臂高	臂厚	框架宽度	垂直重心	水平重心	自重	失载距
kg	mm			O mm	A mm	B mm	D mm	C mm	VCG mm	HCG mm	kg	ET mm
1900	500	BCR20E-006A	ISO 2A	450~1730	991	415	70	1040	335	300	640	221
1900	500	BCR20E-007A	ISO 2A	450~1730	1194	415	70	1040	335	368	683	221
2700	500	BCR30E-008B	ISO 3A	545~1890	991	464	78	1016	335	366	788	279
2700	500	BCR30E-009B	ISO 3A	545~1890	1194	464	78	1016	335	432	854	279

技术参数 TECHNICAL DETAILS						
型号 Model	压力值 Pressure (Bar)	流量值 Hydraulic Flow (L/min)				
		旋转动作 Sideshifting			张夹动作 Clamp	
		最大 Max.	最小 Min.	推荐 Rec.	最大 Max.	最小 Min.
20E/30E	160	19	38	57	19	38

注：① 实际的叉车/属具综合承载能力请从叉车厂方获得。
Obtain the actual capacity of the forklift and attachments from the forklift manufacturer.
② 要求叉车提供2组附加油路。
Require two additional hydraulic circles.
③ 张臂范围指的是软包夹夹臂臂尖间距。
Open range means the arm tip distance of bale clamp.
④ 臂厚D为实际作业所需的空间尺寸，区别于实际的夹臂厚度。
Arm thickness "D" is the actual requested operation spacing rather than plate thickness.

4.3 海绵夹

Foam Rubber Clamps



Capacity	Load	Model	Mountin	Opening	Arm	Arm	Arm	Frame	Vertical	Horizontal	Weight	Effective
承载能力	载荷中心	型号	安装等级	张臂范围	臂长	臂高	臂厚	框架宽度	垂直重心	水平重心	自重	失载距
kg	mm			O mm	A mm	B mm	D mm	C mm	VCG mm	HCG mm	kg	ET mm
800	900	FMS20D-003B	ISO 3A	900~2300	1800	128	75	1041	240	261	430	180
500	900	FMS20D-005A	ISO 2A	1000~2400	1800	242	75	1041	229	269	409	180
800	750	FMS20D-006A	ISO 2A	950~2300	1500	128	75	1041	246	266	424	180
800	800	FMS20D-067A	ISO 2A	950~2300	1600	128	75	1041	247	286	432	127

技术参数 TECHNICAL DETAILS					
型号 Model	压力值 Pressure (Bar)	流量值 Hydraulic Flow (L/min)			
		侧移动作 Sideshifting		张夹动作 Clamp	
		最大 Max.	最小 Min. 推荐 Rec.	最大 Max.	最小 Min. 推荐 Rec. 最大 Max.
20D	160	4	23	38	15 38 38

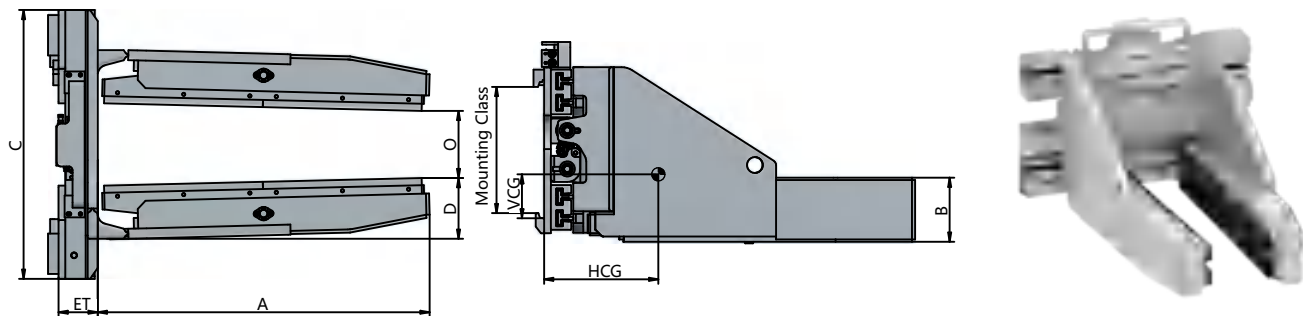
注：① 实际的叉车/属具综合承载能力请从叉车厂方获得。
Obtain the actual capacity of the forklift and attachments from the forklift manufacturer.

② 要求叉车提供2组附加油路。
Require two additional hydraulic circles.

③ 张臂范围指的是夹臂臂尖间距。
Open range refer to the arm tip distance.

④ 臂厚D为实际作业所需的空间尺寸，区别于实际的夹臂厚度。
Arm thickness "D" is the actual requested operation spacing rather than plate thickness.

4.4 砖块夹
Block Clamps



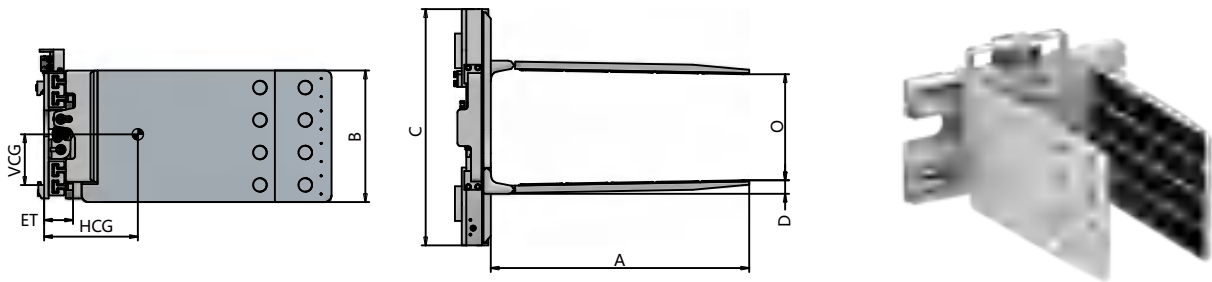
Capacity 承载能力	Load 载荷	Center 中心	Model 型号	Mounting Class 安装等级	Opening Range 张臂范围	Arm Length 臂长	Arm Height 臂高	Arm Thickness 臂厚	Frame Width 框架宽度	Vertical Center of Gravity 垂直重心	Horizontal Center of Gravity 水平重心	Weight 自重	Effective Thickness 失效距
kg	mm				O mm	A mm	B mm	D mm	C mm	VCG mm	HCG mm	kg	ET mm
2700	500		CKS30D-001B	ISO 3A	290 ~ 1610	1100	128	202	1016	180	308	599	150
2700	500		CKS30D-002B	ISO 3A	290 ~ 1610	1100	242	202	1016	174	377	718	150
2700	500		CKS30D-003B	ISO 3A	290 ~ 1610	1000	128	202	1016	186	276	580	150
2700	500		CKS30D-004B	ISO 3A	290 ~ 1610	1400	242	202	1016	157	509	910	150
2700	500		CKS30D-006B	ISO 3A	290 ~ 1610	1200	242	202	1016	169	416	761	150
2700	500		CKS30D-007B	ISO 3A	290 ~ 1610	1200	128	202	1016	175	342	641	150
2700	500		CKS30D-013B	ISO 3A	290 ~ 1610	1000	242	202	1016	178	338	674	150

技术参数 TECHNICAL DETAILS							
型号 Model	压力值 Pressure (Bar)	流量值 Hydraulic Flow (L/min)					
		侧移动作 Sideshifting			张夹动作 Clamp		
		最大 Max.	最小 Min.	推荐 Rec.	最大 Max.	最小 Min.	推荐 Rec.
30D	160		4	23	38	15	38

注：① 实际的叉车/属具综合承载能力请从叉车厂方获得。
Obtain the actual capacity of the forklift and attachments from the forklift manufacturer.
② 要求叉车提供2组附加油路。
Require two additional hydraulic circles.
③ 张臂范围指的是夹臂臂尖间距。
Open range refer to the arm tip distance.
④ 臂厚D为实际作业所需的空间尺寸，区别于实际的夹臂厚度。
Arm thickness "D" is the actual requested operation spacing rather than plate thickness.

4.5 烟叶箱夹

Tobacco Carton Clamps



Capacity	Load	Model	Mounting	Opening	Arm	Arm	Arm	Frame	Vertical	Horizontal	Weight	Effective
承载能力	载荷中心	型号	安装等级	张臂范围	臂长	臂高	臂厚	框架宽度	垂直重心	水平重心	自重	失载距
kg	mm			O mm	A mm	B mm	D mm	C mm	VCG mm	HCG mm	kg	ET mm
1900	500	MTS20D-004A	ISO 2A	510~1760	1130	580	60	1041	260	315	480	127
1900	500	MTS20D-004B	ISO 3A	510~1760	1130	580	60	1041	232	315	543	132
1900	500	MTS20D-005A	ISO 2A	510~1760	1330	580	60	1040	260	393	500	127
2500	500	MTS30D-007B	ISO 3A	600~1945	1350	650	65	1016	250	393	777	150
2200	500	MTS30D-008B	ISO 3A	650~2460	1350	580	65	1600	242	348	902	150

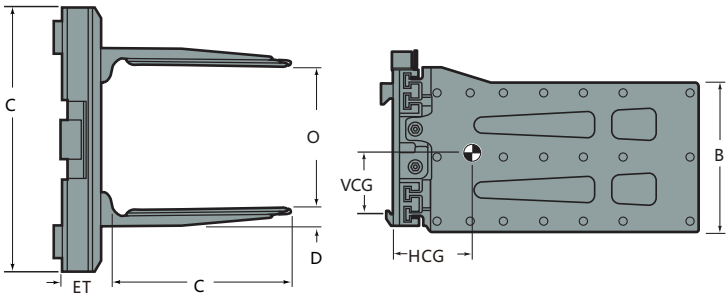
技术参数 TECHNICAL DETAILS							
型号 Model	压力值 Presure (Bar)	流量值 Hydraulic Flow (L/min)					
		侧移动作 Sideshifting			张夹动作 Clamp		
		最大 Max.	最小 Min.	推荐 Rec.	最大 Max.	最小 Min.	推荐 Rec. 最大 Max.
20D	160	4	15	26	26	26	26
30D	160	4	23	38	15	38	38

注：① 实际的叉车/属具综合承载能力请从叉车厂方获得。
Obtain the actual capacity of the forklift and attachments from the forklift manufacturer.
② 要求叉车提供2组附加油路。
Require two additional hydraulic circles.
③ 张臂范围指的是夹臂臂尖间距。
Open range means the arm tip distance.
④ 臂厚D为实际作业所需的空间尺寸，区别于实际的夹臂厚度。
Arm thickness "D" is the actual requested operation spacing rather than plate thickness.

4.6 多用刚臂夹

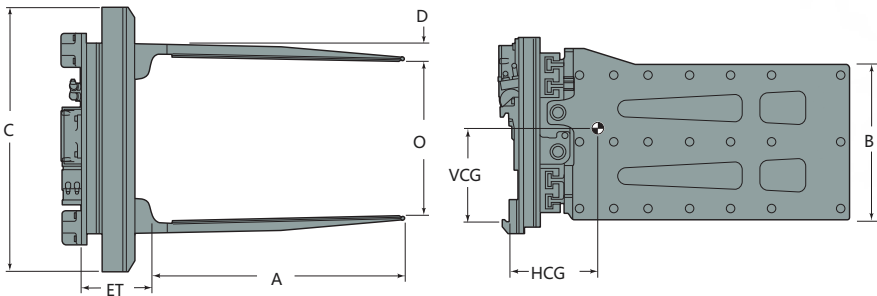
Multi-Purpose Clamps

侧移式 Sideshifting



Capacity 承载能力	Load Center 载荷中心	Model No. 型号	Mounting Class 安装等级	Opening Range 张臂范围	Arm Length 臂长	Arm Height 臂高	Arm Thickness 臂厚	Frame Width 框架宽度	Vertical Center of Gravity 垂直重心	Horizontal Center of Gravity 水平重心	Weight 自重	Effective Thickness 失效距
kg	mm			O mm	A mm	B mm	D mm	C mm	VCG mm	HCG mm	kg	ET mm
1900	500	MCS20D-011A	ISO 2A	480~1740	1230	360	60	1041	183	379	465	127
1900	500	MCS20D-012B	ISO 3A	480~1700	1100	1100	60	1041	231	439	737	183
1900	500	MCS20D-023A	ISO 2A	560~1760	1080	710	60	940	261	398	536	127
2500	620	MCS30D-021B	ISO 3A	600~1920	1230	610	65	1016	250	420	714	150

旋转式 Revolving



Capacity 承载能力	Load Center 载荷中心	Model No. 型号	Mounting Class 安装等级	Opening Range 张臂范围	Arm Length 臂长	Arm Height 臂高	Arm Thickness 臂厚	Frame Width 框架宽度	Vertical Center of Gravity 垂直重心	Horizontal Center of Gravity 水平重心	Weight 自重	Effective Thickness 失效距
kg	mm			O mm	A mm	B mm	D mm	C mm	VCG mm	HCG mm	kg	ET mm
1900	500	MCR20D-011A	ISO 2A	465~1750	1000	506	60	1041	183	282	788	234
1900	500	MCR20D-023B	ISO 2A	560~1760	1080	710	60	940	360	414	766	262
1900	500	MCR20D-024A	ISO 2A	560~1760	1130	580	60	1041	333	398	765	230
1700	500	MCR20D-027B	ISO 3A	750~1950	1330	580	60	1041	333	498	774	260
2700	500	MCR30D-008B	ISO 3A	600~1950	750	506	65	1016	249	173	811	279
2500	500	MCR30D-013B	ISO 3A	600~1920	1060	506	65	1016	335	366	788	279
2500	620	MCR30D-021B	ISO 3A	600~1920	1230	610	65	1016	250	420	714	150

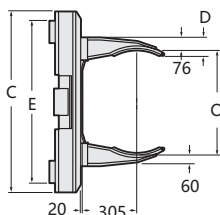
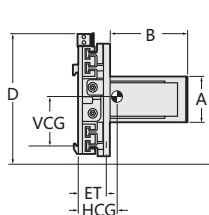
技术参数 TECHNICAL DETAILS

型号 Model	压力值 Pressure (Bar)	流量值 Hydraulic Flow (L/min)					
		侧移/旋转动作 Sideshifting/Revolving				张夹动作 Clamping	
		最小 Min.	推荐 Rec.	最大 Max.	最小 Min.	推荐 Rec.	最大 Max.
侧移式 Sideshifting	160	4	23	38	15	38	38
旋转式 Revolving	160	19	38	57	19	38	57

注：① 实际的叉车/属具综合承载能力请从叉车厂方获得。
Obtain the actual capacity of the forklift and attachments from the forklift manufacturer.
② 要求叉车提供2组附加油路。
Require two additional hydraulic circles.
③ 张臂范围指的是夹臂臂尖间距。
Open range means the arm tip distance.
④ 臂厚D为实际作业所需的空间尺寸，区别于实际的夹臂厚度。
Arm thickness "D" is the actual requested operation spacing rather than plate thickness.

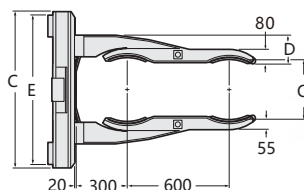
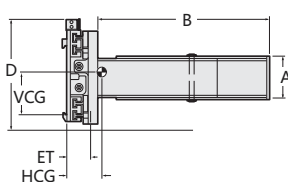
4.7 桶夹 Drum Clamps

2桶 2 Drum



Capacity 承载能力	Load Center 载荷中心	Model No. 型号	Mounting Class 安装等级	Opening Range 张臂范围	Arm Length 臂长	Arm Height 臂高	Arm Thickness 臂厚	Frame Width 框架宽度	Vertical Center of Gravity 垂直重心	Horizontal Center of Gravity 水平重心	Weight 自重	Effective Thickness 失载距
kg	mm			O mm	A mm	B mm	D mm	C mm	VCG mm	HCG mm	kg	ET mm
2桶侧移式 2 Drums Sideshifting												
1900	500	DTS20D-003A	ISO 2A	520~1750	435	235	95	940	220	104	295	145
2桶旋转式 2 Drums Revolving												
1600	500	DTR20D-004A	ISO 2A	520~1750	435	235	95	940	410	140	522	241

4桶 4 Drum



Capacity 承载能力	Load Center 载荷中心	Model No. 型号	Mounting Class 安装等级	Opening Range 张臂范围	Arm Length 臂长	Arm Height 臂高	Arm Thickness 臂厚	Frame Width 框架宽度	Vertical Center of Gravity 垂直重心	Horizontal Center of Gravity 水平重心	Weight 自重	Effective Thickness 失载距
kg	mm			O mm	A mm	B mm	D mm	C mm	VCG mm	HCG mm	kg	ET mm
4桶侧移式 4 Drums Sideshifting												
1900	500	DFS20D-007B	ISO 3A	460~1690	1060	225	140	940	220	295	395	147
4桶旋转式 4 Drums Revolving												
1900	500	DFR20D-008B	ISO 3A	460~1690	1060	225	140	940	335	277	613	239

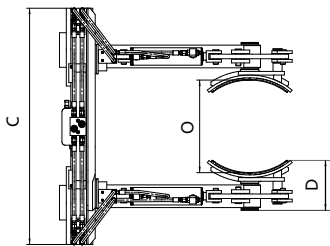
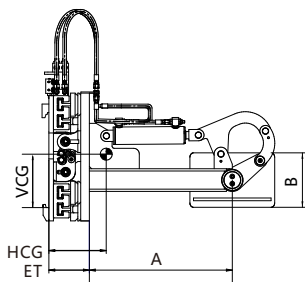
技术参数 TECHNICAL DETAILS

型号 Model	压力值 Pressure (Bar)	流量值 Hydraulic Flow (L/min)					
		侧移/旋转动作 Sideshifting/Revolving			张夹动作 Clamping		
		最小 Min.	推荐 Rec.	最大 Max.	最小 Min.	推荐 Rec.	最大 Max.
侧移式 Sideshifting	160	4	23	38	15	38	38
旋转式 Revolving	160	19	38	57	19	38	57

- 注：① 实际的叉车/属具综合承载能力请从叉车厂方获得。
Obtain the actual capacity of the forklift and attachments from the forklift manufacturer.
- ② 要求叉车提供2组附加油路。
Require two additional hydraulic circles.
- ③ 张臂范围指的是桶夹夹板弧度内侧间距。
Open range refer to the radian medial distance of contact pad of drum clamps.
- ④ 2桶式桶夹可搬运1桶或2桶；4桶式桶夹可以搬运1桶、2桶或4桶。
Two-Drum clamps can carry one or two drums, four-Drum clamps can carry one, two or four drums.
- ⑤ 适合搬运55加仑（公制208升）的标准油桶。
Suitable for handling 55 gallon (metric 208L) of standard oil drum.

4.8 倾翻桶夹

Tipping Drum Clamps



Capacity	Load	Model	Mounting	Opening	Arm	Arm	Arm	Frame	Vertical	Horizontal	Weight	Effective
承载能力	载荷中心	型号	安装等级	张臂范围	臂长	臂高	臂厚	框架宽度	垂直重心	水平重心	自重	失载距
kg	mm			O mm	A mm	B mm	D mm	C mm	VCG mm	HCG mm	kg	ET mm
1900	500	DTB20D-001A	ISO 2A	450~1730	630	240	221	1040	235	253	450	179
1900	500	DTB20D-011B	ISO 3A	520~1750	630	240	221	1040	231	248	423	183

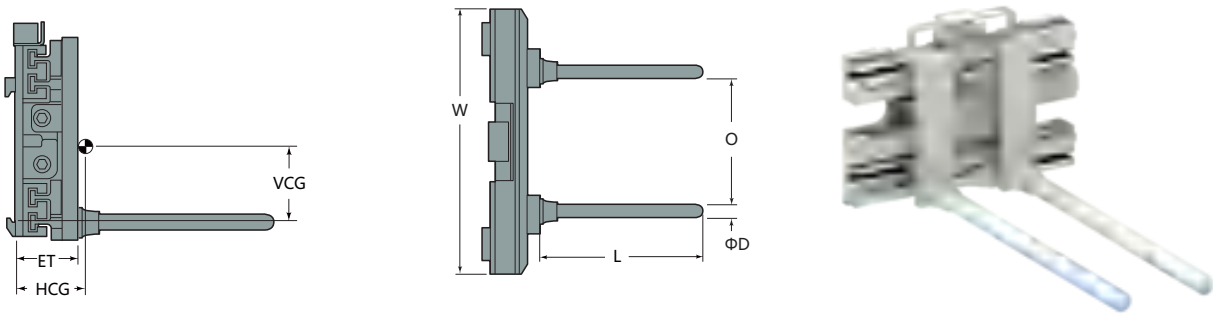
技术参数 TECHNICAL DETAILS

型号 Model	压力值 Pressure (Bar)	流量值 Hydraulic Flow (L/min)					
		侧移/倾翻动作 Sideshifting & Tilting			张夹动作 Clamp		
		最大 Max.	最小 Min.	推荐 Rec.	最大 Max.	最小 Min.	推荐 Rec.
20D	160		4	23	38	15	38

注：① 实际的叉车/属具综合承载能力请从叉车厂方获得。
Obtain the actual capacity of the forklift and attachments from the forklift manufacturer.
② 要求叉车提供2组附加油路。
Require two additional hydraulic circles.
③ 张臂范围指的是桶夹夹板弧度内侧间距。
Open range refer to the radian medial distance of contact pad of drum clamps.
④ 适合搬运55加仑（公制208升）的标准油桶。
Suitable for handling 55 gallon (metric 208L) of standard oil drum.

4.9 圆杆夹

Bar-Arm Clamp



Capacity 承载能力	Load 载荷中心	Model No. 型号	Mounting Class 安装等级	Opening Range 张臂范围	Bar Arm Length 杆长	Bar Arm Diameter 直径	Frame Width 框架宽度	Vertical Center of Gravity 垂直重心	Horizontal Center of Gravity 水平重心	Weight 自重	Effective Thickness 失载距
kg	mm			O mm	L mm	D mm	W mm	VCG mm	HCG mm	kg	ET mm
2300	600	BAS30D-001B	ISO 3A	480~1830	1800	80	1016	187	187	523	216
2300	600	BAS30D-005B	ISO 3A	320~1470	1500	80	1016	195	195	488	216

技术参数 TECHNICAL DETAILS							
型号 Model	压力值 Pressure (Bar)	流量值 Hydraulic Flow (L/min)					
		侧移动作 Sideshifting			张夹动作 Clamp		
		最小 Min.	推荐 Rec.	最大 Max.	最小 Min.	推荐 Rec.	最大 Max.
30D	160	4	23	38	15	38	38

注：① 实际的叉车/属具综合承载能力请从叉车厂方获得。
Obtain the actual capacity of the forklift and attachments from the forklift manufacturer.

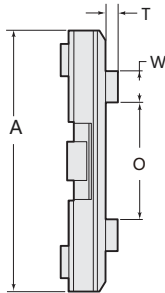
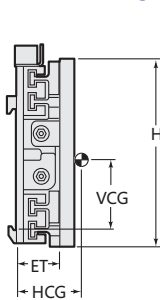
② 要求叉车提供2组附加油路。
Require two additional hydraulic circles.

③ 张臂范围指的是夹臂臂尖间距。
Open range refer to the arm tip distance.

④ 臂厚D为实际作业所需的空间尺寸，区别于实际的夹臂厚度。
Arm thickness "D" is the actual requested operation spacing rather than plate thickness.

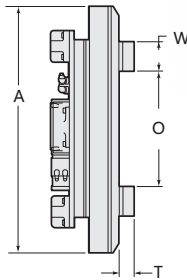
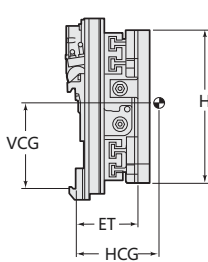
4.10 无臂夹 No-Arm Clamps

侧移式Sideshifting



Capacity 承载能力	Load Center 载荷中心	Model No. 型号	Mounting Class 安装等级	Opening Range 张臂范围	Arm Thickness 臂厚	Arm Height 臂高	Arm Width 臂宽	Frame Width 框架宽度	Vertical Center of Gravity 垂直重心	Horizontal Center of Gravity 水平重心	Weight 自重	Effective Thickness 失载距
kg	mm			O mm	T mm	H mm	W mm	C mm	VCG mm	HCG mm	kg	ET mm
1500	600	CNS20D-006A	ISO 2A	380~1650	38	565	127	1040	234	74	260	127
2300	600	CNS30D-003A	ISO 2A	470~1800	46	627	127	1016	255	86	337	150
2300	600	CNS30D-003B	ISO 3A	470~1800	46	627	127	1016	255	86	338	150

旋转式Revolving



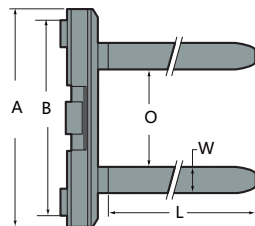
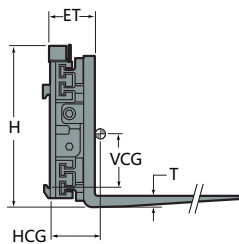
Capacity 承载能力	Load Center 载荷中心	Model No. 型号	Mounting Class 安装等级	Opening Range 张臂范围	Arm Thickness 臂厚	Arm Height 臂高	Arm Width 臂宽	Frame Width 框架宽度	Vertical Center of Gravity 垂直重心	Horizontal Center of Gravity 水平重心	Weight 自重	Effective Thickness 失载距
kg	mm			O mm	T mm	H mm	W mm	C mm	VCG mm	HCG mm	kg	ET mm
2300	600	CNR30D-005A	ISO 2A	470~1800	46	627	127	1016	395	141	633	241
2300	600	CNR30D-005B	ISO 3A	470~1800	46	627	127	1016	336	170	642	279

技术参数 TECHNICAL DETAILS

型号 Model	压力值 Pressure (Bar)	流量值 Hydraulic Flow (L/min)					
		侧移/旋转动作 Sideshifting/Revolving			张夹动作 Clamping		
		最小 Min.	推荐 Rec.	最大 Max.	最小 Min.	推荐 Rec.	最大 Max.
侧移式Sideshifting	160	4	23	38	15	38	38
旋转式Revolving	160	19	38	57	19	38	57

注：① 实际的叉车/属具综合承载能力请从叉车厂方获得。
Obtain the actual capacity of the forklift and attachments from the forklift manufacturer.
② 要求叉车提供2组附加油路。
Require two additional hydraulic circles.
③ 张臂范围指的是张臂臂尖间距。
Open range refer to the arm tip distance.
④ 臂厚D为实际作业所需的空间尺寸，区别于实际的夹臂厚度。
Arm thickness "D" is the actual requested operation spacing rather than plate thickness.

4.11 叉夹（侧移式） Fork Clamp(Sideshifting)



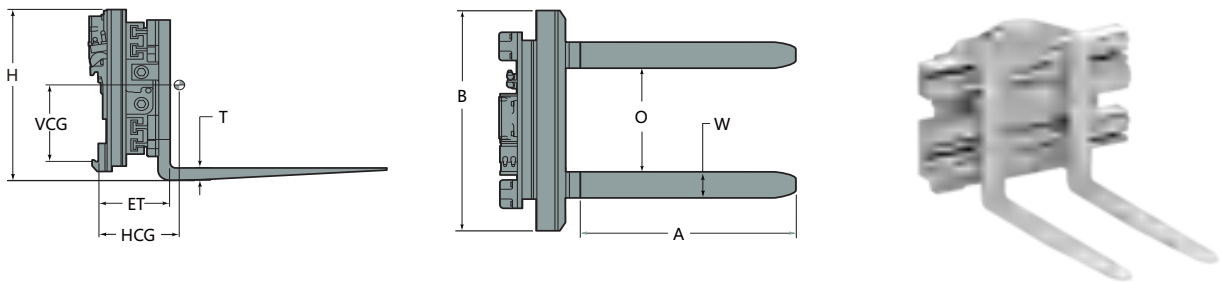
Capacity 承载能力	Load Center 载荷中心	Model No. 型号	Mountin Class 安装等级	Opening Range 张臂范围	Fork Size 货叉尺寸	Height 总高	Upper Hook Spread 上钩外间距	Frame Width 框架宽度	Vertical Center of Gravity 垂直重心	Horizontal Center of Gravity 水平重心	Weight 自重	Effective Thickness 失效距
kg	mm			O mm	L*W*T mm	H mm	B mm	A mm	VCG mm	HCG mm	kg	ET mm
1600	600	CFS20D-005A	ISO 2A	410~1660	1065*125*40	660	690	940	175	198	306	180
1600	600	CFS20D-006A	ISO 2A	410~1660	1220*125*40	660	690	940	155	218	336	170
2300	600	CFS30D-007A	ISO 3A	475~1800	915*125*50	725	825	1016	212	166	458	208
2300	600	CFS30D-008A	ISO 2A	480~1800	1065*125*50	725	825	1016	203	192	460	208
2300	600	CFS30D-008B	ISO 3A	480~1800	1065*125*50	725	825	1016	205	191	462	216
2300	600	CFS30D-009A	ISO 3A	480~1800	1220*125*50	725	825	1016	194	222	475	208
2300	600	CFS30D-009B	ISO 3A	480~1800	1220*125*50	725	825	1016	196	221	477	216

技术参数 TECHNICAL DETAILS

型号 Model	压力值 Pressure (Bar)	流量值 Hydraulic Flow (L/min)					
		侧移动作 Sideshifting			张夹动作 Clamp		
		最大 Max.	最小 Min.	推荐 Rec.	最大 Max.	最小 Min.	推荐 Rec. 最大 Max.
20D	160		4	15	26	26	26 26 26
30D	160		4	23	38	15	38 38 38

注：① 实际的叉车/属具综合承载能力请从叉车厂方获得。
Obtain the actual capacity of the forklift and attachments from the forklift manufacturer.
② 要求叉车提供2组附加油路。
Require two additional hydraulic circles.
③ 张臂范围指的是货叉间距。
Open range refer to the forks distance.
④ 臂厚D为实际作业所需的尺寸，区别于实际的夹臂厚度。
Arm thickness "D" is the actual requested operation spacing rather than plate thickness.

4.12 叉夹（旋转式）
Fork Clamps (Revolving)

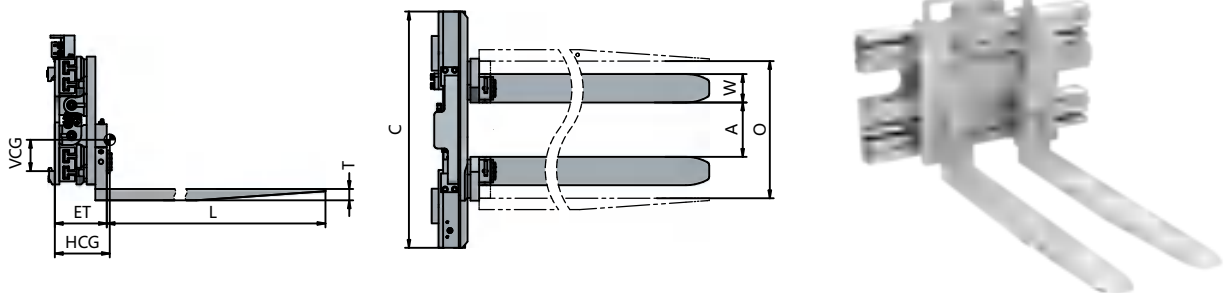


Capacity	Load Center	Model No.	Mounting Class	Opening Range	Fork Size	Height	Upper Hook Spread	Frame Width	Vertical Center of Gravity	Horizontal Center of Gravity	Weight	Effective Thickness
承载能力	载荷中心	型号	安装等级	张臂范围	货叉尺寸	总高	上钩外间距	框架宽度	垂直重心	水平重心	自重	失载距
kg	mm			O mm	L*W*T mm	H mm	B mm	C mm	VCG mm	HCG mm	kg	ET mm
1600	600	CFR20D-101A	ISO 2A	410~1660	915*125*40	775	925	940	280	188	561	287
1600	600	CFR20D-102A	ISO 2A	410~1660	1065*125*40	775	925	940	275	213	579	287
1600	600	CFR20D-103A	ISO 2A	410~1660	1220*125*40	775	925	940	265	230	597	287
2300	600	CFR30D-108A	ISO 2A	440~1750	1065*125*50	775	925	1016	275	225	685	305
2300	600	CFR30D-108B	ISO 3A	440~1750	1065*125*50	775	925	1016	275	262	704	345
2300	600	CFR30D-109A	ISO 2A	440~1750	1220*125*50	775	925	1016	270	249	695	305
2300	600	CFR30D-109B	ISO 3A	440~1750	1220*125*50	775	925	1016	270	287	712	345

技术参数 TECHNICAL DETAILS						
型号 Model	压力值 Pressure (Bar)	流量值 Hydraulic Flow (L/min)				
		旋转动作 Sideshifting			张夹动作 Clamp	
		最小 Min.	推荐 Rec.	最大 Max.	最小 Min.	推荐 Rec. 最大 Max.
20D/30D	160	19	38	57	19	38 57

注：① 实际的叉车/属具综合承载能力请从叉车厂方获得。
Obtain the actual capacity of the forklift and attachments from the forklift manufacturer.
② 要求叉车提供2组附加油路。
Require two additional hydraulic circles.
③ 张臂范围指的是货叉间距。
Open range refer to the forks distance.
④ 臂厚D为实际作业所需的空间尺寸，区别于实际的夹臂厚度。
Arm thickness "D" is the actual requested operation spacing rather than plate thickness.

4.13 两用叉夹 Turnaloads

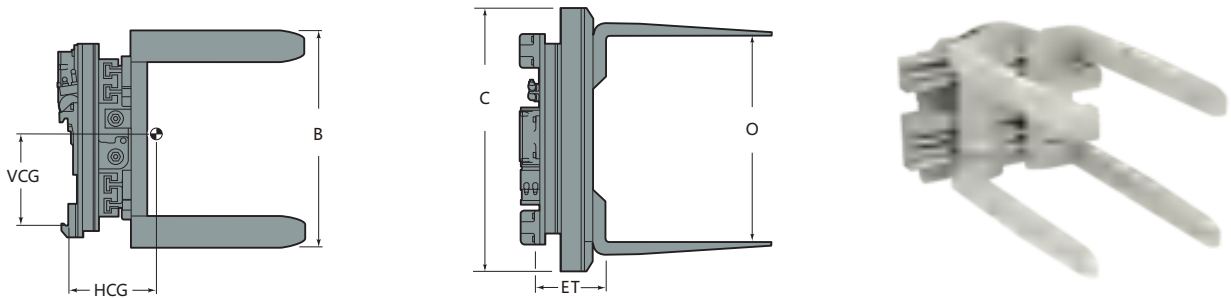


Capacity	Load	Model	Mountain	Forks	Arms	Fork	Frame	Vertical	Horizontal	Weight	Effective
承载能力	载荷中心	型号	安装等级	货叉张距	夹臂张距	货叉尺寸	框架宽度	垂直重心	水平重心	自重	叉载距
kg	mm			A	B	L*W*T	C	VCG	HCG	kg	ET
				mm	mm	mm	mm	mm	mm		mm
2000	500	TMS20D-003B	ISO 2A	450~1700	690~1940	1178*125*50	1041	153	228	445	255
2000	500	TMS20D-004A	ISO 2A	450~1700	690~1940	1178*125*50	1041	153	228	445	255
2000	500	TMS20D-005B	ISO 2A	450~1700	690~1940	1800*125*50	1041	120	387	509	255

技术参数 TECHNICAL DETAILS						
型号 Model	压力值 Pressure (Bar)	流量值 Hydraulic Flow (L/min)				
		侧移动作 Sideshifting			张夹动作 Clamp	
		最大 Max.	最小 Min.	推荐 Rec.	最大 Max.	最小 Min.
20D	160	4	15	26	26	26

注：① 实际的叉车/属具综合承载能力请从叉车厂方获得。
Obtain the actual capacity of the forklift and attachments from the forklift manufacturer.
② 要求叉车提供2组附加油路。
Require two additional hydraulic circles.
③ 张臂范围指的是货叉间距。
Open range refer to the forks distance.
④ 臂厚D为实际作业所需的空间尺寸，区别于实际的夹臂厚度。
Arm thickness "D" is the actual requested operation spacing rather than plate thickness.

4.14 旋转叉
Turnaforks

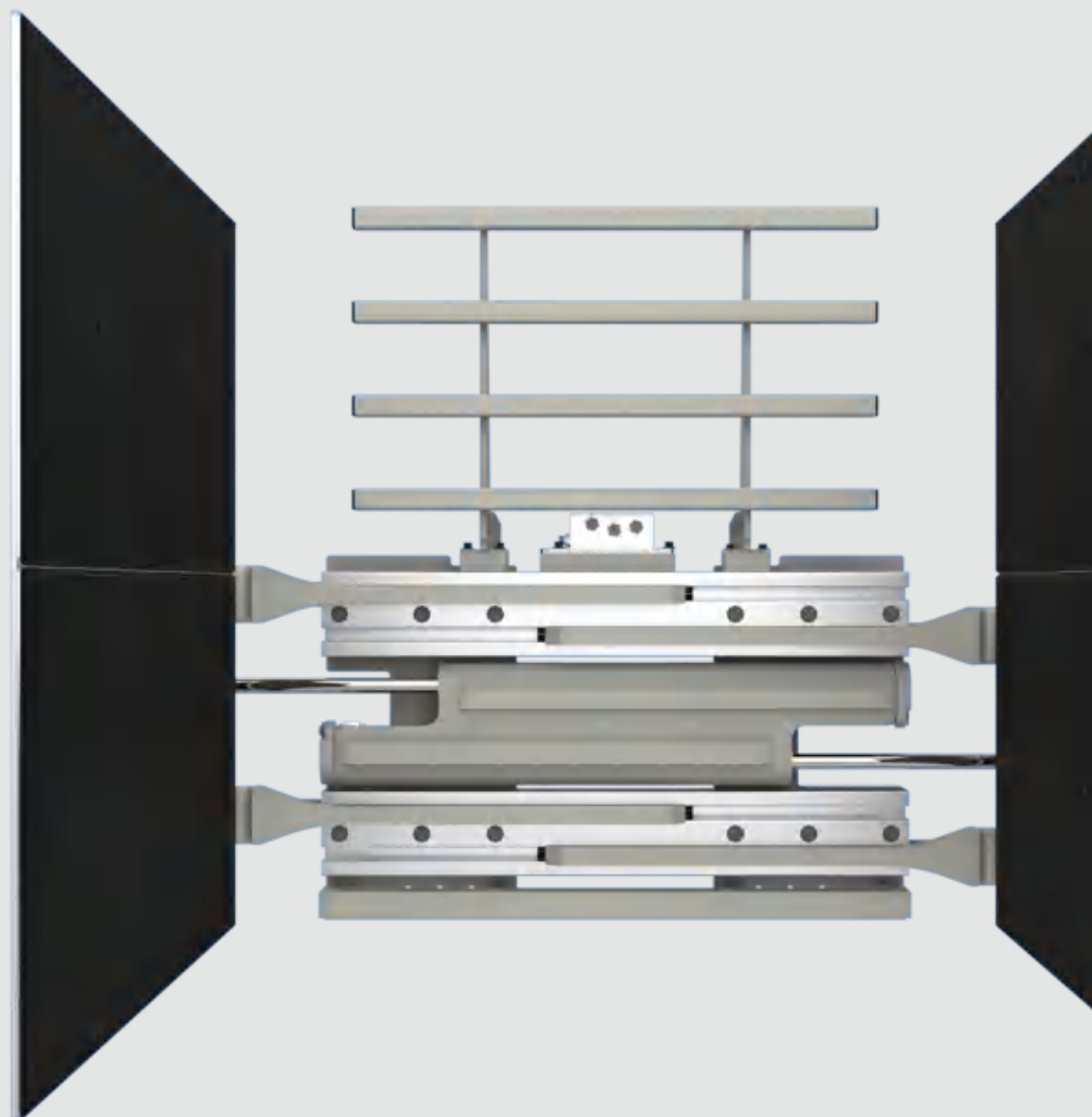


Capacity 承载能力	Load 载荷中心	Model 型号	Mounting 安装等级	Opening 张臂范围	Fork 货叉尺寸	Forks 货叉间距	Forks 货叉数量	Frame 框架宽度	Vertical 垂直重心	Horizontal 水平重心	Weight 自重	Effective 失载距
kg	mm			O mm	L*W*T mm	A mm		C mm	VCG mm	HCG mm	kg	ET mm
1600	600	TAL20D-008A	ISO 2A	595~1860	50*125*1220	450	4叉	1041	317	316	710	295
1600	600	TAL20D-009A	ISO 2A	595~1860	50*125*1220	700	4叉	1041	340	315	719	295
1400	500	TAL20D-016A	ISO 2A	570~1720	45*125*1070	563	4叉	940	229	382	570	188
1600	600	TAL20D-018A	ISO 2A	480~1600	40*120*800	480	4叉	1041	327	205	590	289
1600	600	TAL20D-019A	ISO 2A	480~1600	40*120*800	840	6叉	1041	339	237	665	298
1000	600	TAL20D-020A	ISO 2A	480~1600	45*100*1070	1180	8叉	1041	339	320	790	289
2300	600	TAL30D-001B	ISO 3A	640~1900	50*125*1220	635	4叉	1016	339	328	870	345
2300	600	TAL30D-008B	ISO 3A	640~1900	50*125*1220	1000	4叉	1016	339	339	957	420
2300	600	TAL30D-010B	ISO 3A	640~1900	50*125*1220	530	4叉	1016	292	328	885	345
2300	600	TAL30D-011B	ISO 3A	640~1900	50*125*1500	635	4叉	1016	339	394	935	345
1200	600	TAL30D-021B	ISO 3A	640~1900	50*125*1220	530	4叉	1016	292	328	885	345
1800	600	TAL30D-022B	ISO 3A	900~1500	50*125*1220	925	4叉	1116	319	449	917	345
2200	500	TAL30F-004B	ISO 3A	650~2100	50*125*1500	635	4叉	1330	340	395	952	346
2500	500	TAL35F-001B	ISO 3A	850~2800	40*120*1120	-	4叉	1680	340	293	933	613
2500	500	TAL35F-001C	ISO 3A	850~2800	40*120*1120	-	4叉	1680	299	292	985	627
3000	600	TAL38F-002B	ISO 3A	650~2100	50*125*1220	635	4叉	1330	373	279	968	312
3000	600	TAL38F-002C	ISO 4A	650~2100	50*125*1220	635	4叉	1330	320	318	1032	370
2500	880	TAL38F-005B	ISO 3A	630~2400	50*125*1700	1145	6叉	1680	356	440	1369	313

技术参数 TECHNICAL DETAILS

型号 Model	压力值 Presure (Bar)	流量值 Hydraulic Flow (L/min)					
		側移动作 Sideshifting			张夹动作 Clamp		
		最大 Max.	最小 Min.	推荐 Rec.	最大 Max.	最小 Min.	推荐 Rec.
20D	160	4	15	26	26	26	26
30D	160	4	23	38	15	38	38
35F	160	4	23	38	15	38	38
38F	160	4	23	38	15	38	38

注：① 实际的叉车/属具综合承载能力请从叉车厂方获得。
Obtain the actual capacity of the forklift and attachments from the forklift manufacturer.
② 要求叉车提供2组附加油路。
Require two additional hydraulic circles.
③ 张臂范围指的是货叉间距。
Open range refer to the forks distance.
④ 臂厚D为实际作业所需的尺寸，区别于实际的夹臂厚度。
Arm thickness "D" is the actual requested operation spacing rather than plate thickness.

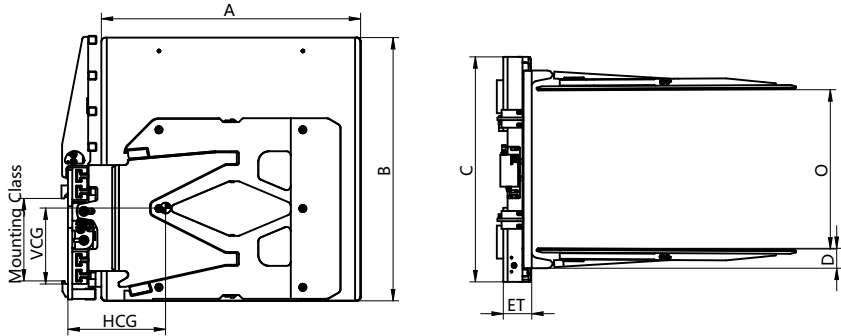


5 纸箱夹 Carton Clamps

纸箱夹适用于对仓储、饮料、家电及电子行业纸箱包装进行高效的无托盘搬运,节省了购置和维护托盘的费用和空间。

Carton Clamps is designed for efficient palletless handling of carton packing in the warehousing,beverage,home appliance and electronics industries,save money on pallet purchasing,maintenance.Also improve warehouse space utilization.

5.1 纸箱夹 Carton Clamps

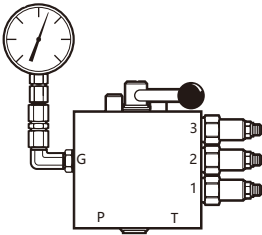


Capacity 承载能力	Load 载荷	Center 中心	Model 型号	Mounting Class 安装等级	Opening Range 张臂范围	Arm Length 臂长	Arm Height 臂高	Arm Thickness 臂厚	Frame Width 框架宽度	Vertical Center of Gravity 垂直重心	Horizontal Center of Gravity 水平重心	Weight 自重	Effective Thickness 失载距
kg	mm				O mm	A mm	B mm	D mm	C mm	VCG mm	HCG mm	kg	ET mm
1600	610		CCS20D-005A	ISO 2A	560~1930	1220	1220	90	1041	320	450	705	127
1600	610		CCS20D-005B	ISO 2A	560~1930	1220	1220	90	1041	355	439	726	132
1400	710		CCS20D-006A	ISO 2A	560~1930	1420	1220	90	1041	315	483	770	127
1400	710		CCS20D-006B	ISO 2A	560~1930	1420	1220	90	1041	373	571	886	132

技术参数 TECHNICAL DETAILS

型号 Model	压力值 Pressure (Bar)	流量值 Hydraulic Flow (L/min)					
		侧移动作 Sideshifting			张夹动作 Clamp		
		最大 Max.	最小 Min.	推荐 Rec.	最大 Max.	最小 Min.	推荐 Rec. 最大 Max.
20D	160	4	15	26	26	26	26

注：① 实际的叉车/属具综合承载能力请从叉车厂方获得。
Obtain the actual capacity of the forklift and attachments from the forklift manufacturer.
② 要求叉车提供2组附加油路。
Require two additional hydraulic circles.
③ 张臂范围指的是货叉间距。
Open range refer to the forks distance.
④ 臂厚D为实际作业所需的空间尺寸，区别于实际的夹臂厚度。
Arm thickness "D" is the actual requested operation spacing rather than plate thickness.
⑤ 所有纸箱夹都配备四档调压阀。
All the cartone clamps are equipped with four position regular valve.

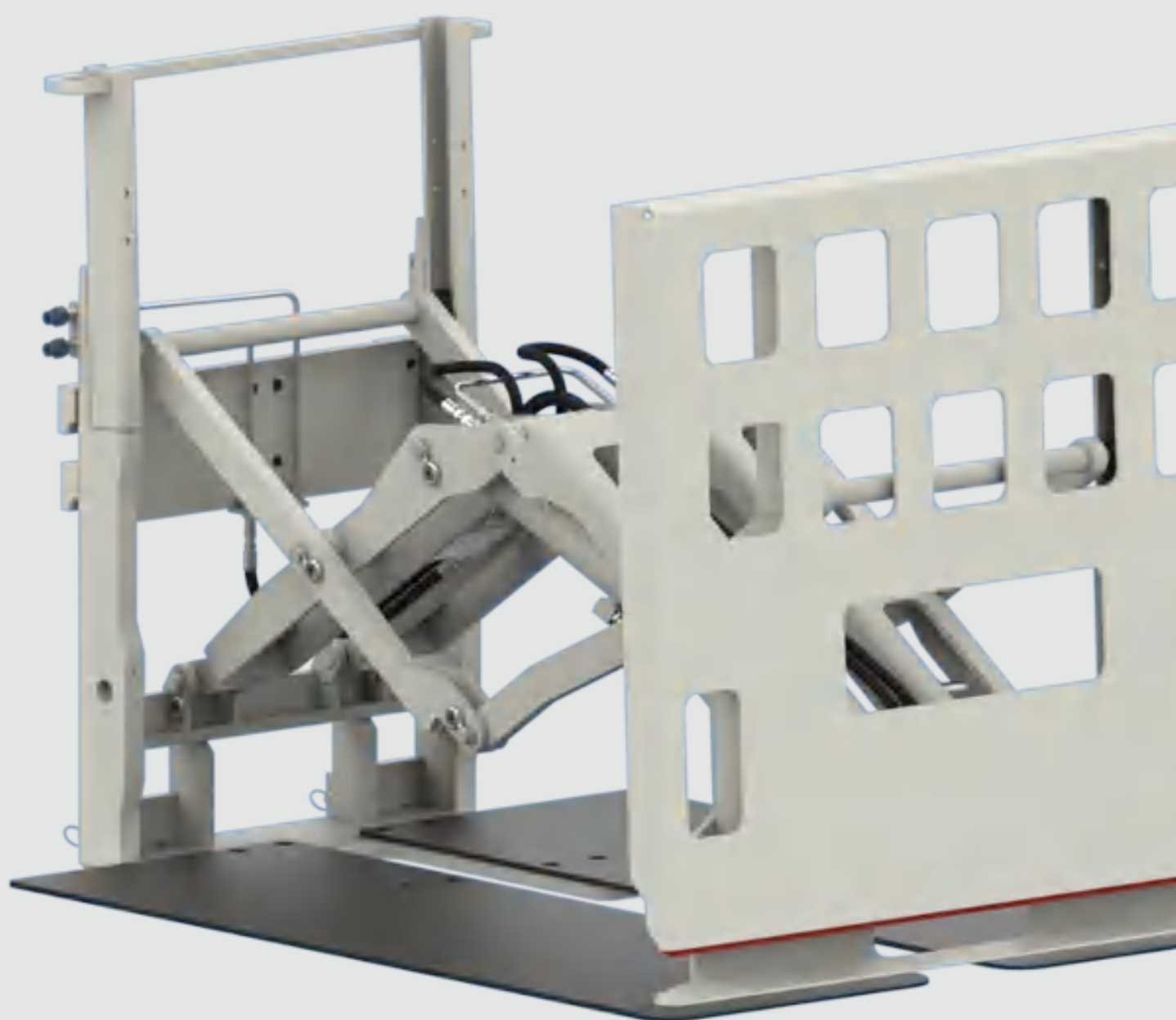


四档调压阀
Four Positions Regula Valve

技术参数 Specifications

最大工作压力 Max. Hydraulic Pressure: 210 Bar
推荐工作流量 Max. Rec. Hydraulic Flow: 76 LPM
最大工作温度: 82℃
注意：流量超过推荐的最大值将会导致过热和背压。
Note: Flow greater than the Rec. flow will result in excessive heat and back pressure.





6 推拉器 Push Pull

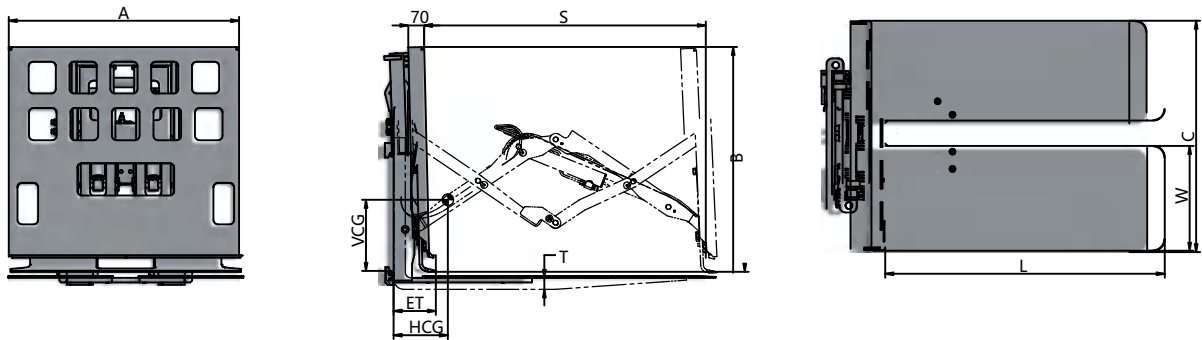
推拉器可安全、高效的对码放在滑板上的货物进行拉进、推出，实现高效率，低维护搬运及堆垛作业。仅使用滑板就可以实现装运、堆垛，且可回收滑板（仅滑板可留型号），大幅度提高生产效率，节约劳动力成本。可广泛适用于电子、食品、轻工业等行业。

Push Pull can pull and push light cargo pack with the help of slip sheet instead of pallet safety and efficiently. Only use slip sheet to realize loading stacking and reuse cardboard (only for Sheet-Save model). It can greatly improve production efficiency, saving the cost. It can be widely used in electronics, food, light industry and other industries.

- 5.1 快装型推拉器 QFM Push Pull
- 5.2 标准型推拉器 Standard Push Pull
- 5.3 推出器 Bag Load Push
- 5.4 旋转推出器 Inverta Push

6.1 快装型推拉器

QFM Push Pull



Capacity 承载能力	Load Center 载荷中心	Model No. 型号	Mounting Class 安装等级	Faceplate Size 推板尺寸	Platen Size 叉板尺寸	Platen Outer Spacing 叉板外间距	Push Stroke 推出行程	Min. Carriage Width 最小货叉架宽度	Horizontal Center of Gravity 水平重心	Weight 自重	Effective Thickness 失效距
kg	mm			A * B mm	W * L mm	C mm	S mm	mm	HCG mm	kg	ET mm
滑板可留型 Sheet-Save Types											
1600	600	QPA16E-001A	ISO 2A	1015*1000	455*1220	1020/1170	1270	820	241	494	220
1600	600	QPA16E-001B	ISO 3A	1015*1000	455*1220	1020/1170	1270	820	241	494	220
1600	600	QPA16E-002A	ISO 2A	1015*1000	380*1220	1020/1170	1270	820	230	482	220
1600	600	QPA16E-002B	ISO 3A	1015*1000	380*1220	1020/1170	1270	820	230	482	220
2000	600	QPA20E-001A	ISO 2A	1015*1000	455*1220	1020/1170	1270	820	247	510	220
2000	600	QPA20E-001B	ISO 3A	1015*1000	455*1220	1020/1170	1270	820	247	510	220
2000	600	QPA20E-002A	ISO 2A	1015*1000	380*1220	1020/1170	1270	820	235	498	220
2000	600	QPA20E-002B	ISO 3A	1015*1000	380*1220	1020/1170	1270	820	235	498	220
滑板不可留型 Without Sheet-Save Types											
1600	600	QPB16E-001A	ISO 2A	1015*1000	455*1220	1020/1170	1270	820	235	384	185
1600	600	QPB16E-001B	ISO 3A	1015*1000	455*1220	1020/1170	1270	820	235	384	185
1600	600	QPB16E-002A	ISO 2A	1015*1000	380*1220	1020/1170	1270	820	224	372	185
1600	600	QPB16E-002B	ISO 3A	1015*1000	380*1220	1020/1170	1270	820	224	372	185
2000	600	QPB20E-001A	ISO 2A	1015*1000	455*1220	1020/1170	1270	820	241	400	185
2000	600	QPB20E-001B	ISO 3A	1015*1000	455*1220	1020/1170	1270	820	241	400	185
2000	600	QPB20E-002A	ISO 2A	1015*1000	380*1220	1020/1170	1270	820	230	388	185
2000	600	QPB20E-002B	ISO 3A	1015*1000	380*1220	1020/1170	1270	820	230	388	185

技术参数 TECHNICAL DETAILS					
型号 Model	压力值 Pressure (Bar)		流量值 Hydraulic Flow (L/min)		
	最小 Min.	最大 Max.	最小 Min.	推荐 Rec.	最大 Max.
16E	-	160	15	26	38
20E	-	160	15	26	38

注：① 实际的叉车/属具综合承载能力请从叉车厂方获得。
Obtain the actual capacity of the forklift and attachments from the forklift manufacturer.

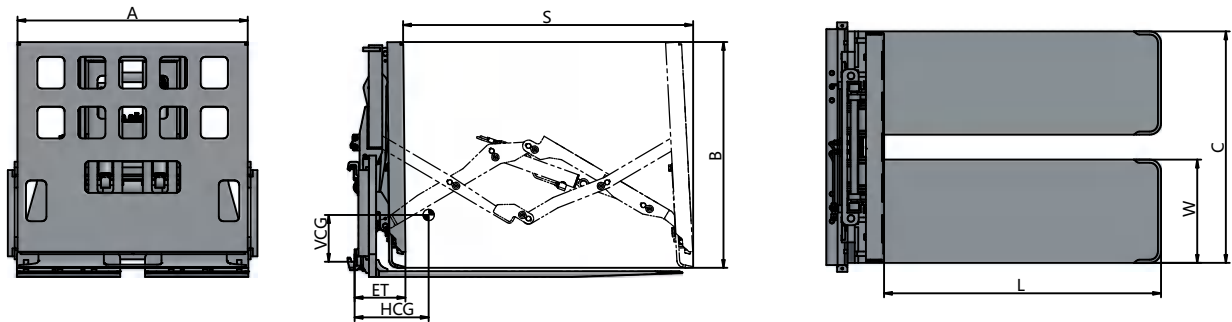
② 要求叉车提供1组附加油路。
Require one additional hydraulic circles.

③ 重要提示：快装型推拉器必须同时挂装标准货叉（货叉同时承受推拉器和货物的重量），货叉厚度为35~45mm之间，长度为1015~1170mm，推荐货叉长度为1060mm，两货叉内间距为550~650mm。货叉厚度超过40mm时，需要增加垫片组件。
IMPORTANT: QFM Push Pull must be mounted on standard forks to support the load and push/pull. Fork thickness is between 35 to 45mm, length is 1015 to 1170mm. Recommended for length is 1060mm. Forks must be spaced 550 to 650mm. Forks over 40mm thick required spacer kit.

④ QPA型带电磁阀（未注明情况下，工作电压未12V），请注意所选配叉车系统电压值。
QPA model is equipped solenoid valve (if no special notice the voltage is 12V), solenoid valve voltage should match truck voltage.



6.2 标准型推拉器 Standard Push Pull

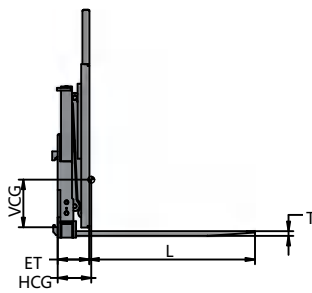
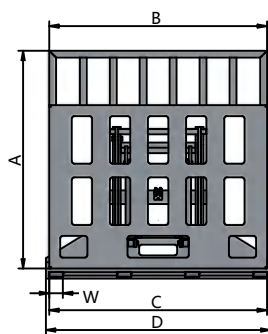


Capacity 承载能力	Load Center 载荷中心	Model No. 型号	Mounting Class 安装等级	Faceplate Size 推板尺寸	Platen Size 叉板尺寸	Outer Platen Spacing 叉板外侧间距	Push Stroke 推出行程	Min. Truck Carriage Width 最小货叉架宽度	Horizontal Center of Gravity 水平重心HCG	Weight 自重	Effective Thickness 失效距
kg	mm			A * B mm	W * L mm	C mm	S mm	mm	mm	kg	ET mm
滑板可留型 Sheet-Save Type											
1600	600	PAS16E-001A	ISO 2A	1015*1000	455*1220	1020/1220	1270	920	314	649	270
1600	600	PAS16E-001B	ISO 3A	1015*1000	455*1220	1020/1220	1270	920	312	696	270
2000	600	PAS20E-001A	ISO 2A	1015*1000	455*1220	1020/1220	1270	920	317	722	270
2000	600	PAS20E-001B	ISO 3A	1015*1000	455*1220	1020/1220	1270	920	319	769	270
滑板不可留型 Without Sheet-Save Type											
1600	600	PPS16E-001A	ISO 2A	1015*1000	455*1220	1020/1220	1270	920	313	537	235
1600	600	PPS16E-001B	ISO 3A	1015*1000	455*1220	1020/1220	1270	920	302	550	235
2000	600	PPS20E-001A	ISO 2A	1015*1000	455*1220	1020/1220	1270	920	316	595	235
2000	600	PPS20E-001B	ISO 3A	1015*1000	455*1220	1020/1220	1270	920	308	622	235
技术参数 TECHNICAL DETAILS											
型号 Model		压力值 Presure (Bar)				流量值 Hydraulic Flow (L/min)					
		最小 Min.	最大 Max.				最小 Min.	推荐 Rec.	最大 Max.		
16E		-	160				15	26	38		
20E		-	160				15	26	38		

注：① 实际的叉车/属具综合承载能力请从叉车厂方获得。
Obtain the actual capacity of the forklift and attachments from the forklift manufacturer.
② 要求叉车提供2组附加油路。
Require two additional hydraulic circles.
③ 侧移式推拉器侧移量±100mm。
Sideshifting range is ±100mm.
④ PAS型带电磁阀（未注明情况下，工作电压未12V），请注意所选配叉车系统电压值。
PAS model is equipped solenoid valve (if no special notice the voltage is 12V), solenoid valve voltage should match truck voltage.



6.3 推出器 Bag Load Push

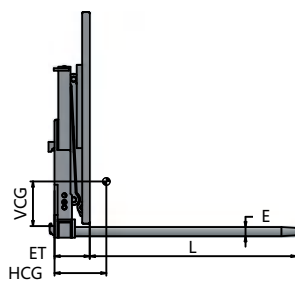
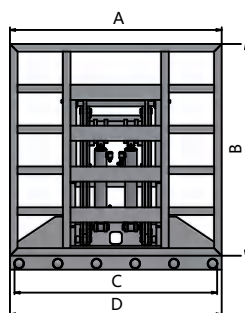


Capacity 承载能力	Load Center 载荷中心	Model No. 型号	Mounting Class 安装等级	Faceplate Size 推板尺寸 A * B mm	Platen Size 叉板尺寸 W * H * L mm	Outer Platen Spacing 叉板外侧间距 C mm	Total Width 总宽 D mm	Push Stroke 推出行程 S mm	Horizontal Center of Gravity 水平重心 HCG mm	Weight 自重 kg	Effective Thickness 失效距 ET mm
2000	600	PLB20E-0634B	ISO 3A	1600*1600	100*35*1220	1600	1650	1250	247	628	240

技术参数 TECHNICAL DETAILS

压力值 Pressure (Bar)		流量值 Hydraulic Flow (L/min)		
最小 Min.	最大 Max.	最小 Min.	推荐 Rec.	最大 Max.
35	160	15	26	38

注：① 实际的叉车/属具综合承载能力请从叉车厂方获得。
Obtain the actual capacity of the forklift and attachments from the forklift manufacturer.
② 要求叉车提供1组附加油路。
Require one additional hydraulic circle.



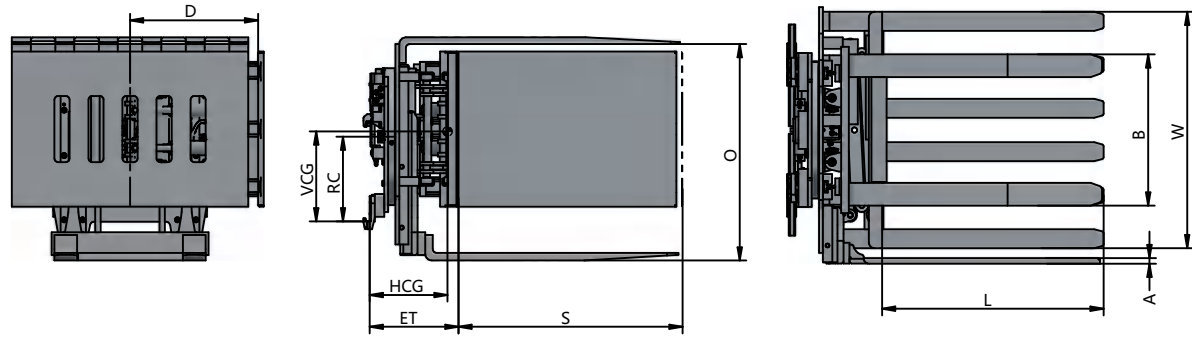
Capacity 承载能力	Load Center 载荷中心	Model No. 型号	Mounting Class 安装等级	Faceplate Size 推板尺寸 A * B mm	Bar Size 叉杆尺寸 ΦE * L mm	Outer Bar Spacing 叉杆外侧间距 C mm	Total Width 总宽 D mm	Push Stroke 推出行程 S mm	Horizontal Center of Gravity 水平重心 HCG mm	Weight 自重 kg	Effective Thickness 失效距 ET mm
2000	600	PLB20D-0446B	ISO 3A	1400*1400	Φ60*1370	1340	1400	1400	346	613	230

技术参数 TECHNICAL DETAILS

压力值 Pressure (Bar)		流量值 Hydraulic Flow (L/min)		
最小 Min.	最大 Max.	最小 Min.	推荐 Rec.	最大 Max.
35	160	4	8	12

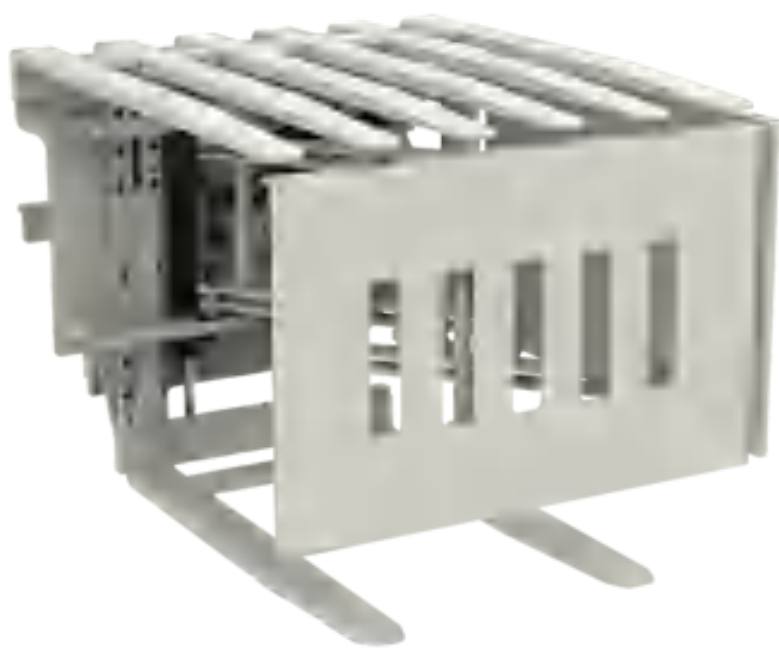
注：① 实际的叉车/属具综合承载能力请从叉车厂方获得。
Obtain the actual capacity of the forklift and attachments from the forklift manufacturer.
② 要求叉车提供1组附加油路。
Require one additional hydraulic circle.

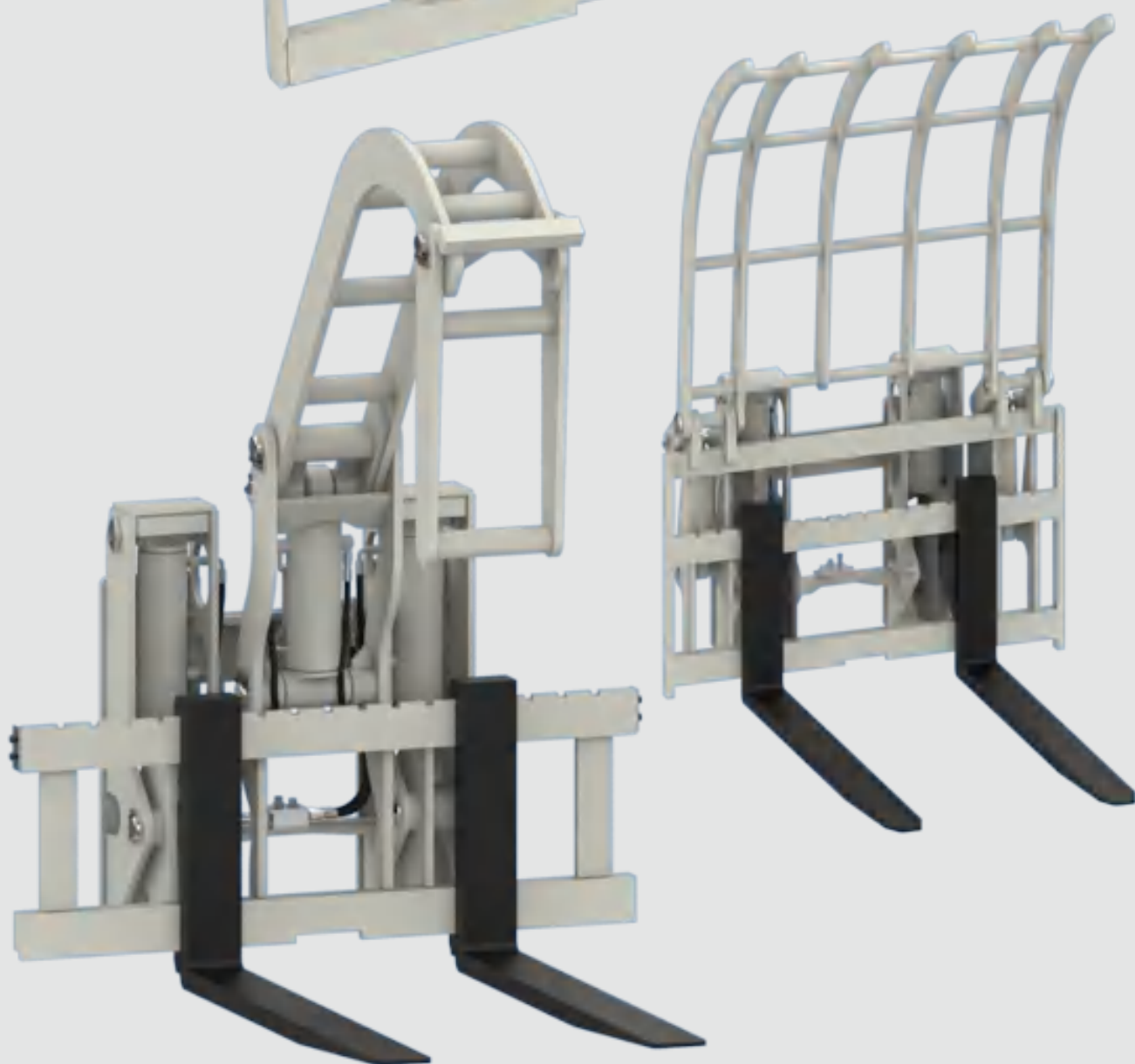
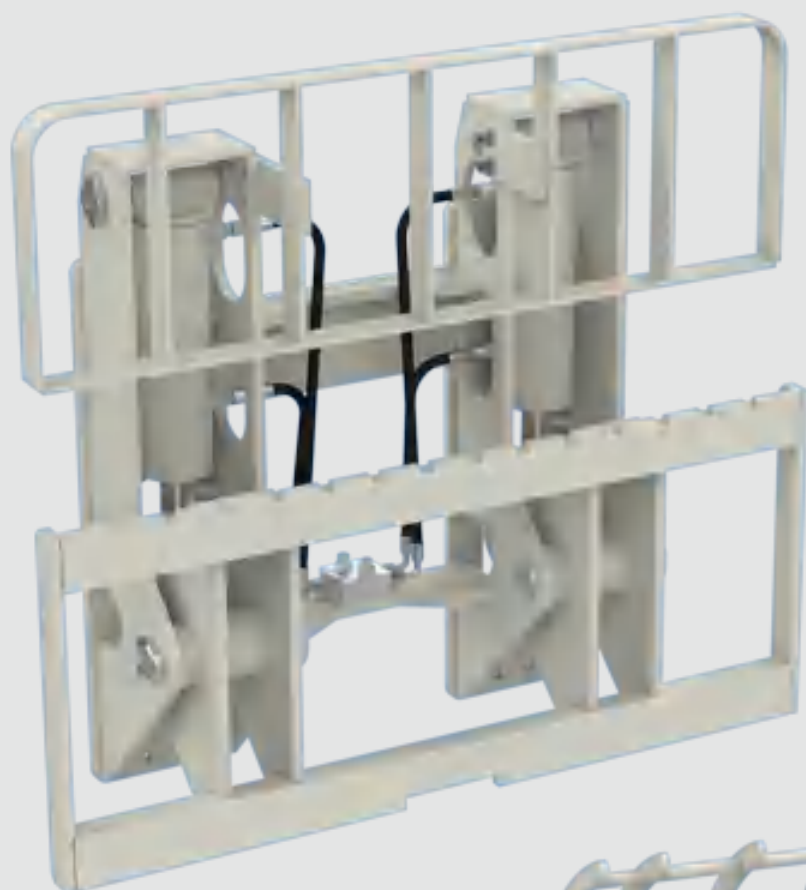
6.4 旋转推出器 Inverta Push



Capacity 承载能力	Load Center 载荷中心	Model No. 型号	Mounting Class 安装等级	Opening Range 张臂范围	Platen Size 叉板尺寸	Push Stroke 推出行程	Forks Outside Spacing 可动臂外侧间距	Thickness of side Stabilizer 侧挡板厚度	Side Stabilizer Range 侧挡板行程	Horizontal Center of Gravity 水平重心	Weight 自重	Effective Thickness 失效距
kg	mm			O mm	W * L mm	S mm	B mm	A mm	D mm	HCG mm	kg	ET mm
1500	600	RPS15D-022B	ISO 3A	1000-1700	1100*1150	1200	560	30	580-680	419	1189	475
1500	600	RPS15D-042B	ISO 3A	900-1500	1250*1150	1200	800	30	675-775	417	1316	470
1500	600	RPS15D-053B	ISO 3A	930-1580	1350*1270	1300	800	30	700-850	448	1380	480
2000	600	RPS20D-003B	ISO 3A	930-1580	1350*1270	1300	1030	30	700-850	448	1380	480
2000	600	RPS20D-012B	ISO 3A	900-1480	940*1170	1200	700	30	550-650	434	1219	485
2000	600	RPS20D-053B	ISO 3A	900-1580	1400*1270	1300	1020	30	700-850	360	1229	485

注：① 实际的叉车/属具综合承载能力请从叉车厂方获得。
Obtain the actual capacity of the forklift and attachments from the forklift manufacturer.
② 要求叉车提供4组附加油路或2组附加油路（需配合2个电磁阀）。
Require four or two additional hydraulic circles, if choose two circles required added two solenoid valve .





7 倾翻类属具

Hinged Attachment

倾翻叉可用于向前倾倒容器内的散装货物，若配置铲斗，可以铲运各种疏松货物，如沙子、煤粉、谷物、肥料、土块和碎砖等。带压爪的倾翻类属具（如废料夹、钢管夹）可用于夹持搬运各种非规范包装货物，如废纸、秸秆、化纤、建筑钢管等货物，广泛应用于农牧业、回收业、纺织等行业。

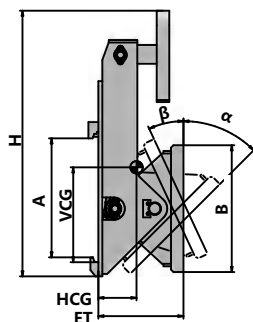
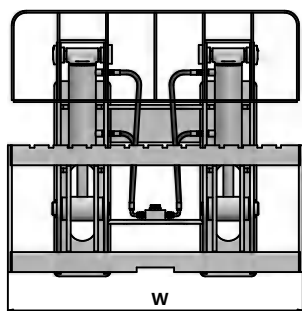
Hinged fork can be used to dump bulk cargo forward from a container, if equipped with bucket can be used to shovel all kinds of loose cargo, such as sand, pulverized coal, grain, fertilizer, soil and broken bricks, etc. Hinged attachment with claw (such as hinged broke handler, pipe clamp) can be used to handling all kinds of non-standard packing of cargo, such as waste paper, straw, chemical fiber, steel pipe. Widely used in farming and animal husbandry, recycling industry, textile and other industries.

7.1 倾翻叉 Hinged Forks

7.2 废料夹 Broke Handler

7.3 钢管夹 Hinged Steel Pipe Clamp

7.1 倾翻叉 Hinged Forks



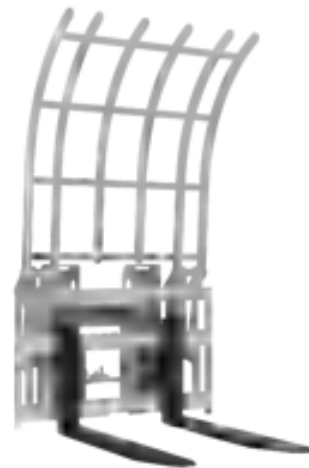
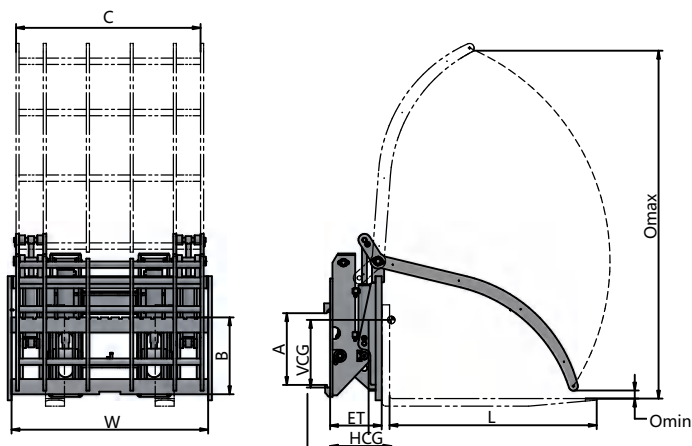
Capacity 承载能力	Load Center 载荷中心	Model No. 型号	Mounting Class 安装等级	Mounting Class 安装等级	Carriage Width 横梁宽度	Tilt Forward 前倾角	Tilt Backward 后倾角	Vertical Center of Gravity 垂直重心	Horizontal Center of Gravity 水平重心	Weight 自重	Effective Thickness 失效距
kg	mm		A	B	W mm	α/β °		VCG mm	HCG mm	kg	ET mm
2500	500	HFB25D-006A	ISO 2A	ISO 2A	1040	45°/25°		-	144	289	341
3000	500	HFB30D-006B	ISO 3A	ISO 3A	1182	45°/25°		-	158	304	341
4500	500	HFB45D-001B	ISO 3A	ISO 3A	1332	45°/25°		-	157	384	350
5000	600	HFB50D-008C	ISO 4A	ISO 4A	1700	45°/25°		-	203	695	445

技术参数 TECHNICAL DETAILS					
型号 Model	压力值 Pressure (Bar)		流量值 Hydraulic Flow (L/min)		
	最小 Min.	最大 Max.	最小 Min.	推荐 Rec.	最大 Max.
25D	-	160	19	38	57
30D	-	160	19	38	57
45D	-	160	19	38	57
50D	-	160	26	45	57

注：① 实际的叉车/属具综合承载能力请从叉车厂方获得。
Obtain the actual capacity of the forklift and attachments from the forklift manufacturer.
② 要求叉车提供1组附加油路。
Require one additional hydraulic circles.
③ 倾翻叉不配备货叉，货叉需客户自行购买。
Hinged forks don't equip forks, customer need to buy by themselves.

7.2 废料夹 Hinged Broke Handler

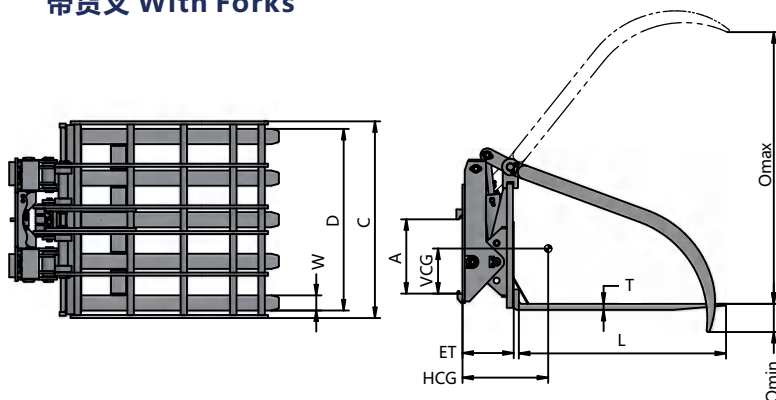
不带货叉 Without Forks



Capacity 承载能力	Load Center 载荷中心	Model No. 型号	Mounting Class 安装等级	Mounting Class 安装等级	Opening Range 张臂范围	Carriage Width 横梁宽度	Claw Width 压爪宽度	Rec. Fork Length 建议货叉长度	Tilt Forward/ Tilt Backward 前倾角/后倾角	Horizontal Center of Gravity 水平重心	Weight 自重	Effective Thickness 失载距
kg	mm		A	B	O	W	C	L	α/β	HCG	kg	ET
2500	500	HKB30D-012B	ISO 3A	ISO 3A	50-2300	1300	1240	1220	45°/12°	144	289	341

注：① 实际的叉车/属具综合承载能力请从叉车厂方获得。
Obtain the actual capacity of the forklift and attachments from the forklift manufacturer.
② 要求叉车提供2组附加油路。
Require two additional hydraulic circles.
③ 废料夹不配备货叉，货叉需客户自行购买。
Hinged broke handler don't equip forks, customer need to buy by themselves.

带货叉 With Forks



Capacity 承载能力	Load Center 载荷中心	Model No. 型号	Mounting Class 安装等级	Mounting Class 安装等级	Opening Range 张臂范围	Carriage Width 横梁宽度	Claw Width 压爪宽度	Fork Size 货叉尺寸	Forks Qty. 货叉数量	Tilt Forward/ Tilt Backward 前倾角/后倾角	Horizontal Center of Gravity 水平重心	Weight 自重	Effective Thickness 失载距
kg	mm		A	B	O	W	C	mm		α/β	HCG	kg	ET
2500	500	HKB30D-024B	ISO 3A	ISO 3A	-180~1800	1200	1300	100*40*1220	5	45°/12°	144	289	341

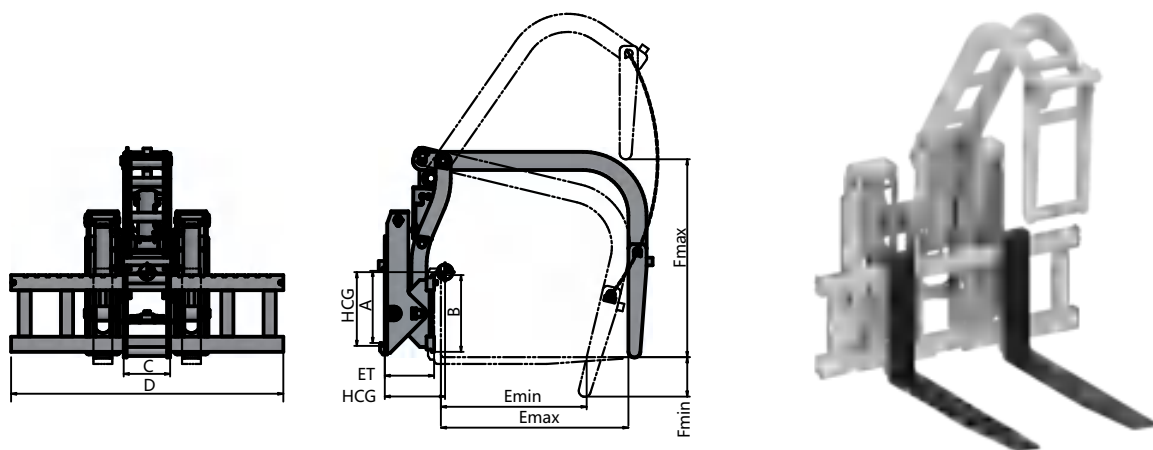
注：① 实际的叉车/属具综合承载能力请从叉车厂方获得。
Obtain the actual capacity of the forklift and attachments from the forklift manufacturer.
② 要求叉车提供2组附加油路。
Require two additional hydraulic circles.

技术参数 TECHNICAL DETAILS

型号 Model	压力值 Pressure (Bar)		流量值 Hydraulic Flow (L/min)					
			倾翻动作 Tilting			张夹动作 Clamping		
	最小 Min.	最大 Max.	最小 Min.	推荐 Rec.	最大 Max.	最小 Min.	推荐 Rec.	最大 Max.
30D	35	160	19	38	57	19	38	57

7.3 钢管夹

Hinged Steel Pipe Handler



Capacity 承载能力	Load Center 载荷中心	Model No. 型号	Mounting Class 安装等级	Mounting Class 安装等级	压爪 宽度 C	Carriage Width 横梁 宽度 D	Tilt Forward Tilt Backward 前倾角/ 后倾角 α/β	Claw Clamp Range 压爪 夹距 E	Claw Opening Range 压爪 开度 F	Horizontal Center of Gravity 水平 重心 HCG	Weight 自重	Effective Thickness 失载距 ET
kg	mm		A	B	mm	mm	°	mm	mm	mm	kg	mm
3500	500	SPB35D-001B	ISO 3A	ISO 3A	307	1400	45°/12°	964~1240	-180~1020	390	610	326
4500	500	SPB45D-001B	ISO 3A	ISO 3A	307	1610	45°/12°	964~1240	-180~1020	410	630	330
4500	600	SPB45D-007B	ISO 3A	ISO 3A	415	1500	45°/12°	906~1160	-200~1530	404	935	440

技术参数 TECHNICAL DETAILS

型号 Model	压力值 Pressure (Bar)		流量值 Hydraulic Flow (L/min)					
			倾翻动作 Tilting			张夹动作 Clamping		
	最小 Min.	最大 Max.	最小 Min.	推荐 Rec.	最大 Max.	最小 Min.	推荐 Rec.	最大 Max.
35D	35	160	19	38	57	19	38	57
45D	35	160	19	38	57	19	38	57

注：① 实际的叉车/属具综合承载能力请从叉车厂方获得。
Obtain the actual capacity of the forklift and attachments from the forklift manufacturer.
② 要求叉车提供2组附加油路。
Require two additional hydraulic circles.
③ 废料夹不配备货叉，货叉需客户自行购买。
Hinged broke handler don't equip forks, customer need to buy by themselves.





8 侧移器 Sideshifter

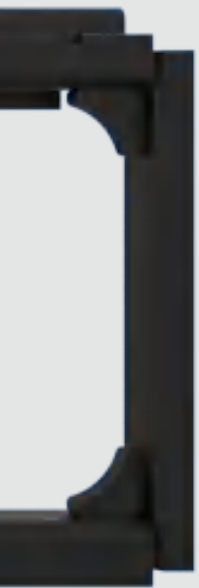
侧移器是安装在叉车中最常见的属具，侧移器允许货叉上的货物左右横向侧移各100mm或150mm，便利货物的叉取和堆垛，大大提高了叉车的灵活性和搬运效率，适用于各种工作场合。

Sideshifters are the most common equipment mounted on forklifts. Sideshifter allow the cargo on the forks to sideshift left and right lateral movement of 100mm or 150mm, convenient forking and stacking, greatly improve the flexibility and handling efficiency, suitable for all kinds of work situations.

8.1 F系列 F Series

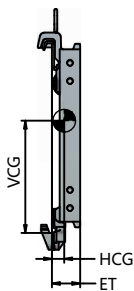
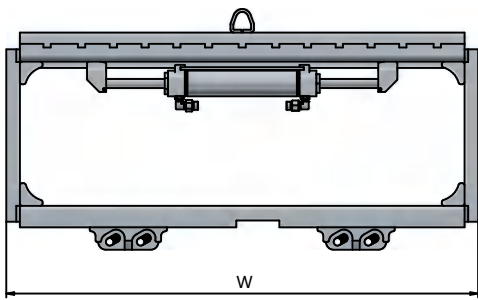
8.2 E系列 E Series

8.3 D系列 D Series



8.1 F 系列

F Series



Sideshifter

侧移器

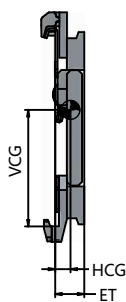
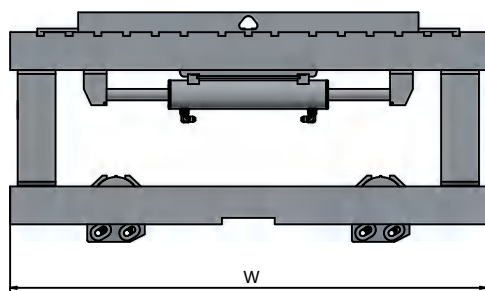
Capacity 承载能力	Load Center 载荷中心	Model No. 型号	Mounting Class 安装等级	Min. Truck Carriage Width 叉车货叉架宽度最小值	Carriage Width 横梁宽度 W	Sideshifting Range 侧移量 S	Vertical Center of Gravity 垂直重心 VCG	Horizontal Center of Gravity 水平重心 HCG	Weight 自重	Effective Thickness 失效距 ET
kg	mm			mm	mm	mm	mm	mm	kg	mm
2500	600	SSS25F-920A	ISO 2A	895	920	±100	226	27	49	62
2500	600	SSS25F-970A	ISO 2A	895	970	±100	226	27	50.5	62
2500	600	SSS25F-1020A	ISO 2A	895	1020	±100	226	27	52	62
2500	600	SSS25F-1040A	ISO 2A	895	1040	±100	226	27	53	62
2500	600	SSS25F-1070A	ISO 2A	1040	1070	±100	226	27	54	62
2500	600	SSS25F-1100A	ISO 2A	1040	1100	±100	226	27	55	62
2500	600	SSS25F-1200A	ISO 2A	1040	1200	±100	226	27	58	62
3500	600	SSS35F-1070B	ISO 3A	935	1070	±100	293	29	66	62
3500	600	SSS35F-1100B	ISO 3A	935	1100	±100	293	29	67	62
3500	600	SSS35F-1115B	ISO 3A	1035	1115	±100	293	29	68	64
3500	600	SSS35F-1150B	ISO 3A	1035	1150	±100	293	29	69.5	64
3500	600	SSS35F-1200B	ISO 3A	1035	1200	±100	293	29	71	64
3500	600	SSS35F-1245B	ISO 3A	1035	1245	±100	293	29	73	64
3500	600	SSS35F-1300B	ISO 3A	1035	1300	±100	293	29	74.5	64
3500	600	SSS35F-1350B	ISO 3A	1035	1350	±100	293	29	77	64

技术参数 TECHNICAL DETAILS

压力值 Pressure (Bar)		流量值 Hydraulic Flow (L/min)		
最小 Min.	最大 Max.	最小 Min.	推荐 Rec.	最大 Max.
155	240	4	8	12

注：① 实际的叉车/属具综合承载能力请从叉车厂方获得。
Obtain the actual capacity of the forklift and attachments from the forklift manufacturer.
② 要求叉车提供1组附加油路。
Require one additional hydraulic circles.

8.2 E系列
E Series



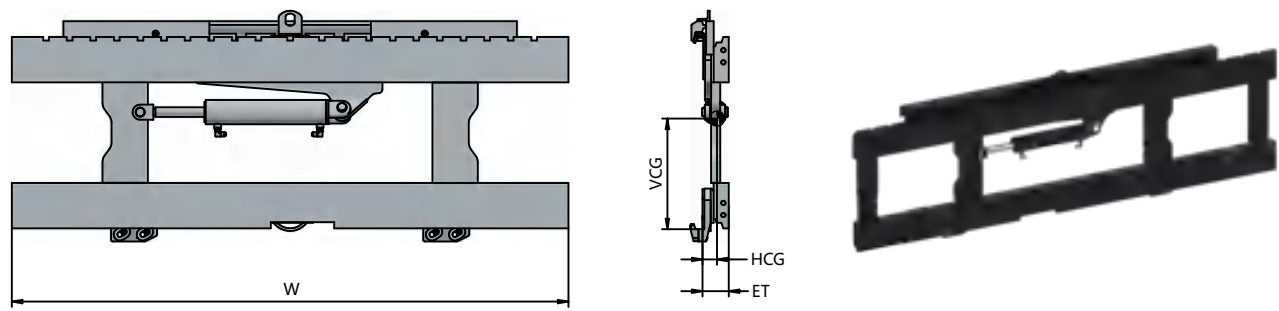
Capacity 承载能力	Load Center 载荷中心	Model No. 型号	Mounting Class 安装等级	Min. Truck Carriage Width 叉车货叉架 宽度最小值	Carriage Width 横梁 宽度 W	Sideshifting Range 侧移量 S	Vertical Center of Gravity 垂直 重心 VCG	Horizontal Center of Gravity 水平 重心 HCG	Weight 自重	Effective Thickness 失效距 ET
kg	mm			mm	mm	mm	mm	mm	kg	mm
4500	600	SSS45E-1260B	ISO 3A	1140	1260	±150	300	35.6	157	75
4500	600	SSS45E-1600B	ISO 3A	1140	1600	±150	302	42	179	75
4500	600	SSS45E-1800B	ISO 3A	1140	1800	±150	296	39	207	75
5000	600	SSS50E-1200B	ISO 3A	1140	1200	±150	311	36	150	75
5000	600	SSS50E-1350B	ISO 3A	1140	1350	±150	308	37	159	75

技术参数 TECHNICAL DETAILS

压力值 Pressure (Bar)		流量值 Hydraulic Flow (L/min)		
最小 Min.	最大 Max.	最小 Min.	推荐 Rec.	最大 Max.
155	240	4	16	20

注：① 实际的叉车/属具综合承载能力请从叉车厂方获得。
Obtain the actual capacity of the forklift and attachments from the forklift manufacturer.
② 要求叉车提供1组附加油路。
Require one additional hydraulic circles.

8.3 D系列
D Series



Capacity 承载能力	Load Center 载荷中心	Model No. 型号	Mounting Class 安装等级	Min. Truck Carriage Width 叉车货叉架宽度最小值	Carriage Width 横梁宽度 W	Sideshifting Range 侧移量 S	Vertical Center of Gravity 垂直重心 VCG	Horizontal Center of Gravity 水平重心 HCG	Weight 自重	Effective Thickness 叉载距 ET
kg	mm			mm	mm	mm	mm	mm	kg	mm
6800	600	SSS70D-1190C	ISO 4A	1040	1190	150	440	43	207	84
6800	600	SSS70D-1330C	ISO 4A	1222	1330	150	440	43	235	84
6800	600	SSS70D-1532C	ISO 4A	1222	1532	150	440	43	275	84
6800	600	SSS70D-1670C	ISO 4A	1372	1670	150	440	43	302	84
6800	600	SSS70D-1700C	ISO 4A	1526	1700	150	440	43	301	84
6800	600	SSS70D-1840C	ISO 4A	1526	1840	150	440	43	317	84
6800	600	SSS70D-2400C	ISO 4A	2082	2400	150	440	43	380	84

技术参数 TECHNICAL DETAILS				
压力值 Pressure (Bar)		流量值 Hydraulic Flow (L/min)		
最小 Min.	最大 Max.	最小 Min.	推荐 Rec.	最大 Max.
155	210	4	23	45

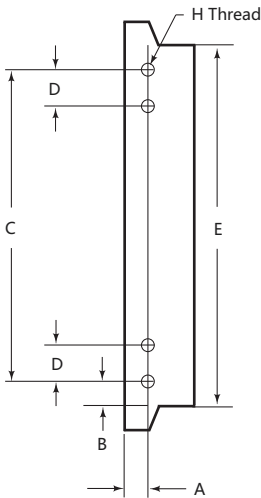
注：① 实际的叉车/属具综合承载能力请从叉车厂方获得。
Obtain the actual capacity of the forklift and attachments from the forklift manufacturer.
② 要求叉车提供1组附加油路。
Require one additional hydraulic circles.

Sideshifter

侧移器

8.4 挡货架选型表 Load Backrest Worksheet

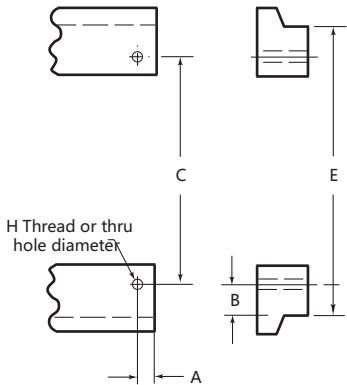
侧面安装式 Side Mount



A _____
B _____
C _____
D _____

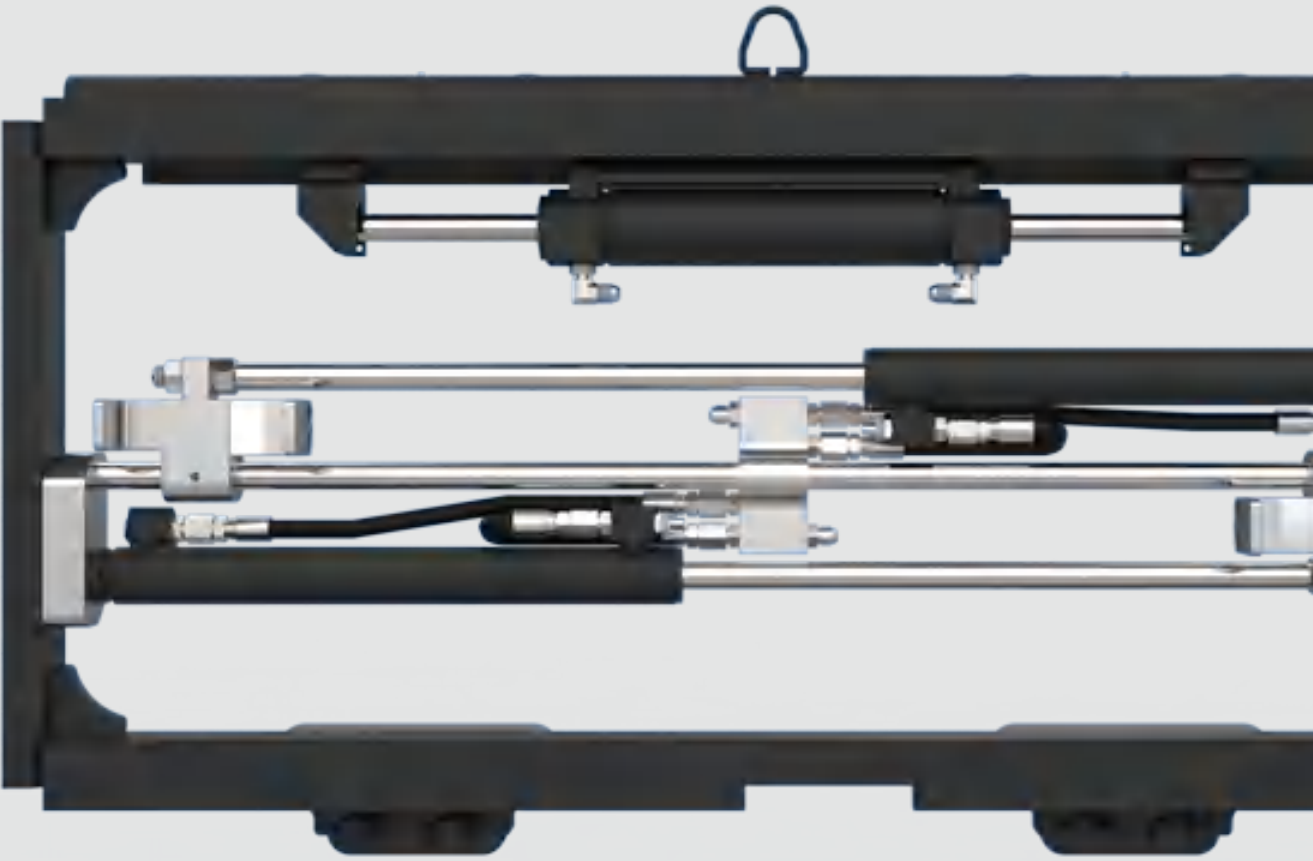
E _____
H _____
Load Backrest Height _____
Load Backrest Width _____

正面安装式 Front Mount



A _____
B _____
C _____
D _____

E _____
H _____
Load Backrest Height _____
Load Backrest Width _____



9 调距叉 Fork Positioner

调距叉通过液压油缸来驱动货叉进行调距,减轻了劳动强度,提高了货物的装载效率,减少了托盘和货物的破损。适用在需要处理不同规格托盘的场合。

Fork positioner adjusting the distance of forks by cylinders, which reduces the labor intensity and improves the loading of the goods efficiency, reduces pallet and cargo breakage. Suitable for handling pallets of different specifications.

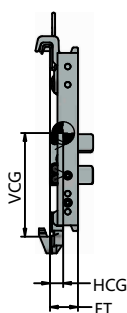
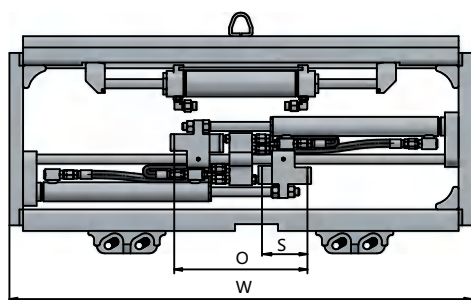
9.1 侧移式 Sideshifting Model

9.2 单独控制式 Independent Fork Control Model

9.3 非侧移式 Non-Sideshifting Fork Model



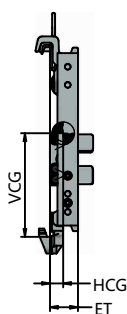
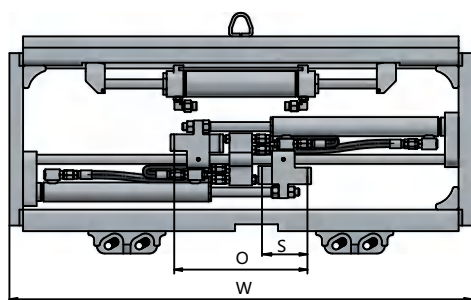
9.1 侧移式调距叉 Sideshifting Model



Capacity 承载能力	Load Center 载荷中心	Model No. 型号	Mounting Class 安装等级	Opening Range 调距范围	Min. Truck Carriage Width 叉车货叉架宽度最小值	Carriage Width 横梁宽度	Fork Pocket Width 适配货叉宽度	Vertical Center of Gravity 垂直重心	Horizontal Center of Gravity 水平重心	Weight 自重	Effective Thickness 失载距
kg	mm			O mm	mm	W mm	S mm	VCG mm	HCG mm	kg	ET mm
2500	500	FP25G-A3	ISO 2A	294-852	895	1020	120	228	30	69	59
3000	600	FP30G-B3	ISO 3A	294-932	935	1100	125	297	29	86	64

注：① 实际的叉车/属具综合承载能力请从叉车厂方获得。
Obtain the actual capacity of the forklift and attachments from the forklift manufacturer.
② 要求叉车提供2组附加油路。
Require two additional hydraulic circles.

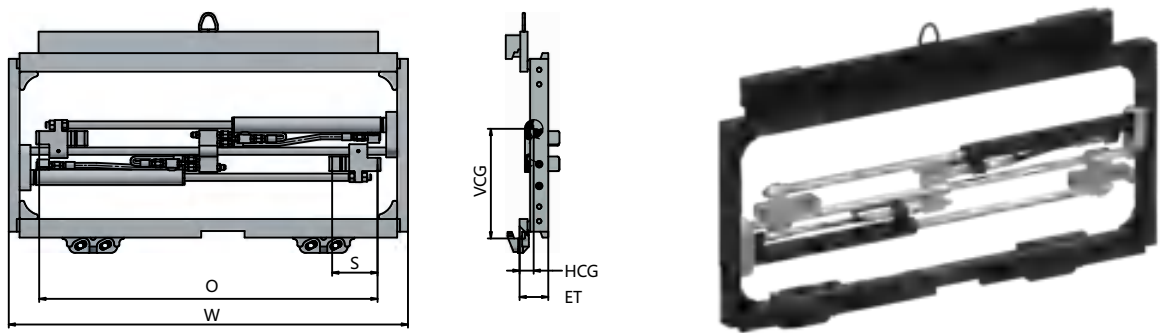
9.2 单独控制式调距叉 Independent Fork Control Model



Capacity 承载能力	Load Center 载荷中心	Model No. 型号	Mounting Class 安装等级	Opening Range 调距范围	Min. Truck Carriage Width 叉车货叉架宽度最小值	Carriage Width 横梁宽度	Fork Pocket Width 适配货叉宽度	Vertical Center of Gravity 垂直重心	Horizontal Center of Gravity 水平重心	Weight 自重	Effective Thickness 失载距
kg	mm			O mm	mm	W mm	S mm	VCG mm	HCG mm	kg	ET mm
2500	500	FPD25G-A3	ISO 2A	294-852	895	1020	120	228	30	69	59
3000	600	FPD30G-B3	ISO 3A	294-932	935	1100	125	297	29	86	64

注：① 实际的叉车/属具综合承载能力请从叉车厂方获得。
Obtain the actual capacity of the forklift and attachments from the forklift manufacturer.
② 要求叉车提供3组附加油路。
Require three additional hydraulic circles.

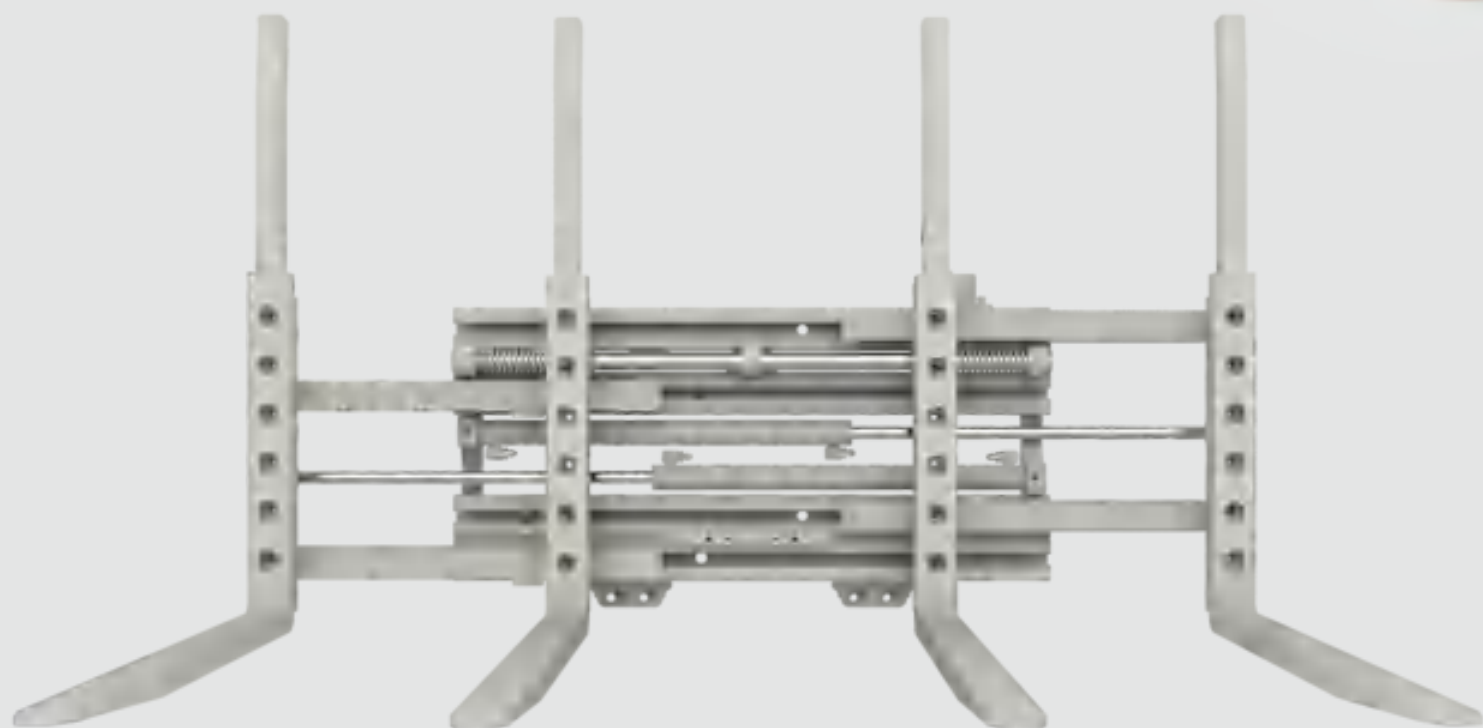
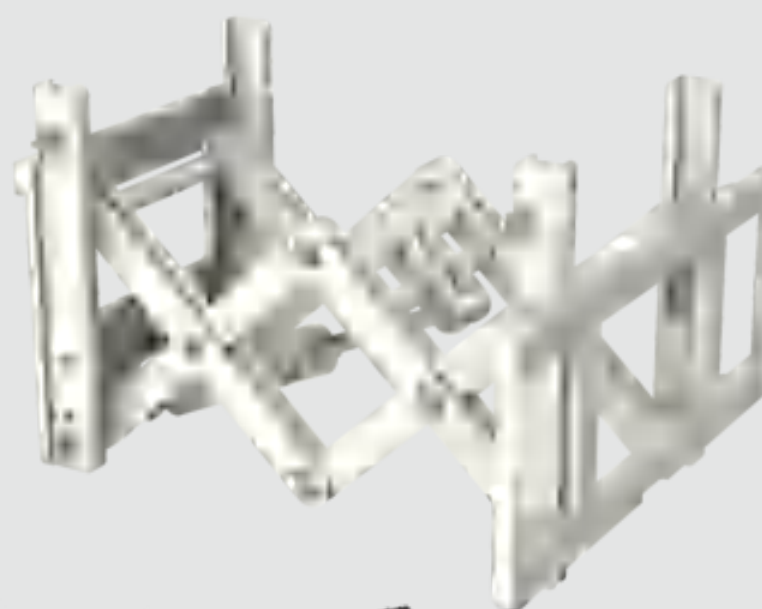
9.3 非侧移式调距叉
Non-Sideshifting Model



Capacity 承载能力	Load Center 载荷中心	Model No. 型号	Mounting Class 安装等级	Opening Range 调距范围	Min. Truck Carriage Width 叉车货叉架宽度最小值	Carriage Width 横梁宽度	Fork Pocket Width 适配货叉宽度	Vertical Center of Gravity 垂直重心	Horizontal Center of Gravity 水平重心	Weight 自重	Effective Thickness 失载距
kg	mm			O mm	mm	W mm	S mm	VCG mm	HCG mm	kg	ET mm
2500	500	FP25N-A3	ISO 2A	294-852	895	1020	120	351	35	82	75
3000	600	FP30N-B3	ISO 3A	294-932	935	1100	125	302	39	92	79

注：① 实际的叉车/属具综合承载能力请从叉车厂方获得。
Obtain the actual capacity of the forklift and attachments from the forklift manufacturer.
② 要求叉车提供1组附加油路。
Require one additional hydraulic circles.

技术参数 TECHNICAL DETAILS							
型号 Model	压力值 Pressure (Bar)	流量值 Hydraulic Flow (L/min)					
		调距动作 Position			侧移动作 Sideshifting		
		最大 Max.	最小 Min.	推荐 Rec.	最大 Max.	最小 Min.	推荐 Rec. 最大 Max.
25G	160		4	8	11	4	8 11
30G	160		4	8	11	4	8 11
25N	160		4	8	11	-	- -
30N	160		4	8	11	-	- -



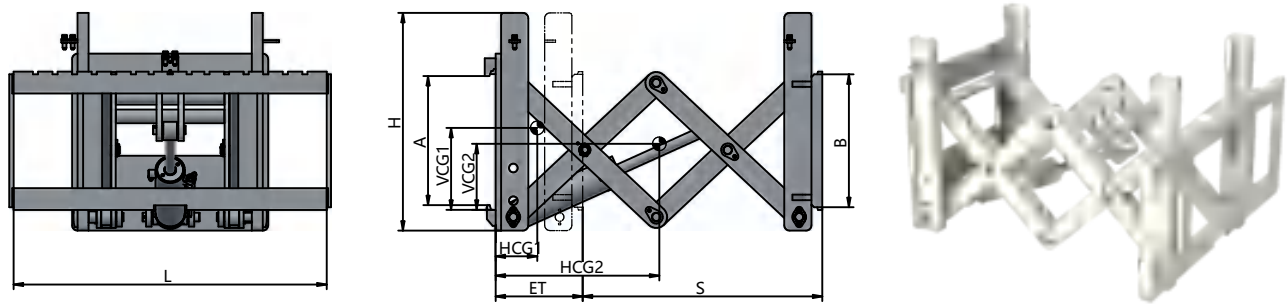
10 特殊属具 Special Product

无论是混凝土、石材、钢铁、采矿、农产品、饮料、食品搬运等，我们都能提供最合适的方案。

Whether it is concrete, stone, steel, mining, agricultural products, beverage, food handling, etc., we can provide the most suitable scheme.

- 10.1 单双托盘叉 Single-Double Pallet Handlers
- 10.2 载荷稳定器 Load Stabilizers
- 10.3 前移叉架 Load Extender
- 10.4 前移叉 Telescopic Forks
- 10.5 液压铲斗 Hydraulic Bucket
- 10.6 环卫叉 Sanitation Forks
- 10.7 钟罩式砖块夹

10.3 前移叉架
Load Extender

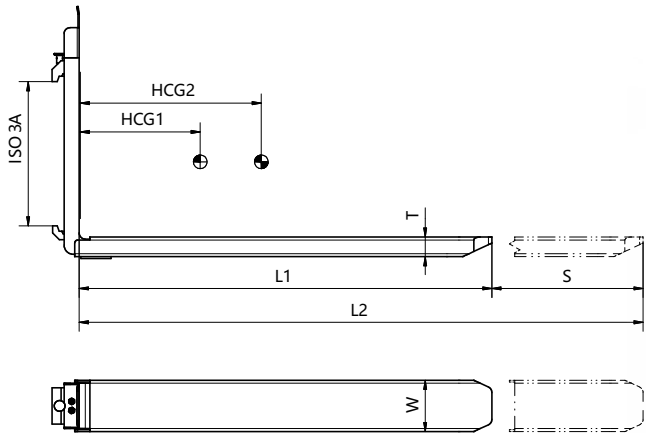


Capacity 承载能力	Load 载荷	Center 中心	Model 型号	Mounting 安装 Class 等级	Stroke 行程	Carriage 横梁 Width 宽度	Vertical 垂直 Center of 重心	Horizontal 水平 Center of 重心	Horizontal 水平 Center of 重心	Weight 自重	Effective 失效距
kg	mm				S mm	C mm	VCG1 mm	HCG1 mm	HCG2 mm	kg	ET mm
2000	500		TFB20E-008B	ISO 3A	500	800	303	122	382	304	280
2000	500		TFB20E-010B	ISO 3A	680	1150	301	153	496	400	320
2000	500		TFB20E-012B	ISO 3A	880	1150	301	153	597	405	320

技术参数 TECHNICAL DETAILS				
压力值 Pressure (Bar)		流量值 Hydraulic Flow (L/min)		
最小 Min.	最大 Max.	最小 Min.	推荐 Rec.	最大 Max.
35	160	20	40	60

10.4 前移叉

Telescopic Forks



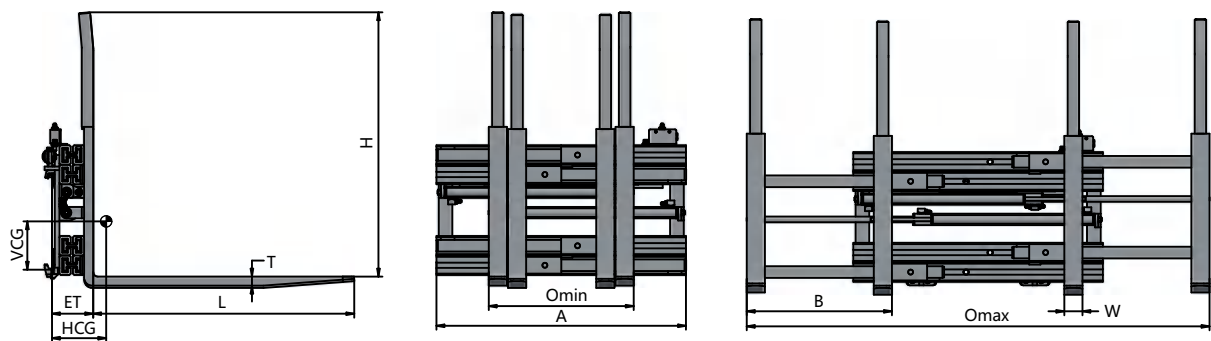
Capacity @Load Center	Capacity @Load Center	Model No.	Mounting Class	Stroke	Carriage Width	Fork Length Retracted	Fork Length Extended	Horizontal Center of Gravity	Horizontal Center of Gravity	Weight	Effective Thickness
承载能力@ 载荷中心	承载能力@ 载荷中心	型号	安装 等级	行程	货叉 尺寸 W*T	货叉收 回尺寸 L1	货叉伸 出尺寸 L2	水平 重心 HCG1	水平 重心 HCG2	自重	失载距 ET
kg	mm			mm	mm	mm	mm	mm	mm	kg	mm
2500@600	850@1750	TFQ25D-1350A	ISO 2A	1000	170*65	1350	2350	504	680	250	60
3500@600	1200@1750	TFQ35D-1350B	ISO 3A	1000	170*65	1350	2350	488	688	262	60

技术参数 TECHNICAL DETAILS				
压力值 Presure (Bar)		流量值 Hydraulic Flow (L/min)		
最小 Min.	最大 Max.	最小 Min.	推荐 Rec.	最大 Max.
35	160	15	23	30

注：① 实际的叉车/属具综合承载能力请从叉车厂方获得。
Obtain the actual capacity of the forklift and attachments from the forklift manufacturer.
② 要求叉车提供1组附加油路。
Require one additional hydraulic circles.

10.1 单双托盘叉

Single Double Pallet Handler



Capacity 承载能力	Load Center 载荷中心	Model No. 型号	Mounting Class 安装等级	Opening Range 货叉张距	Fork Set Spacing 货叉净张距	Fork Size 尺寸	Fork Height 货叉高度	Frame Width 框架宽度	Vertical Center of Gravity 垂直重心	Horizontal Center of Gravity 水平重心	Weight 自重	Effective Thickness 失载距
kg	mm			O mm	B mm	L*W*T mm	H mm	A mm	VCG mm	HCG mm	kg	ET mm
2000	500	FDS20E-010A	ISO 2A	640-2040	640	1150*80*40	1150	1100	211	240	402	185
2000	500	FDS20E-010B	ISO 3A	640-2040	640	1150*80*40	1150	1100	211	240	402	185

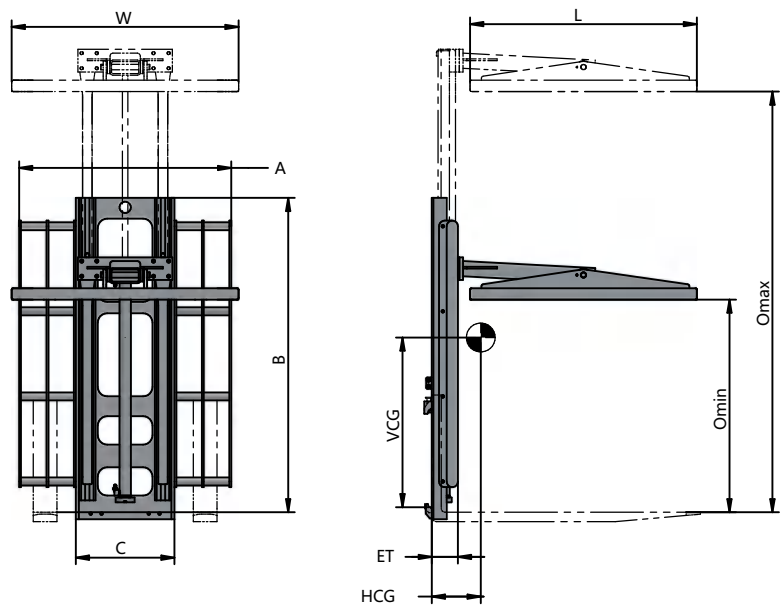
技术参数 TECHNICAL DETAILS						
型号 Model	压力值 Pressure (Bar)	流量值 Hydraulic Flow (L/min)				
		侧移动作 Sideshifting			张夹动作 Clamp	
		最大 Max.	最小 Min.	推荐 Rec.	最大 Max.	最小 Min.
20E	160		4	8	11	15

注：① 实际的叉车/属具综合承载能力请从叉车厂方获得。
Obtain the actual capacity of the forklift and attachments from the forklift manufacturer.
② 要求叉车提供2组附加油路。
Require two additional hydraulic circles.
③ 侧移行程±100mm。
Sideshifting range is ±100mm.
④ 外货叉比内货叉略高5mm。
The outer fork tines are 5mm higher than the inner fork tines.



10.2 载荷稳定器

Load Stabilizer



Capacity 承载能力	Load Center 载荷中心	Model No. 型号	Mounting Class 安装等级	Opening Range 张臂范围	Contact Pad Size 压板尺寸	Backrest Size 挡货架尺寸	Frame Width 框架宽度	Horizontal Center of Gravity 水平重心	Weight 自重	Effective Thickness 失载距
kg	mm			O mm	W*L mm	A*B mm	C mm	HCG mm	kg	ET mm
2000	500	LSB20D-022B	ISO 3A	1100-2200	1150*80*40	1122*1700	522	228	390	150

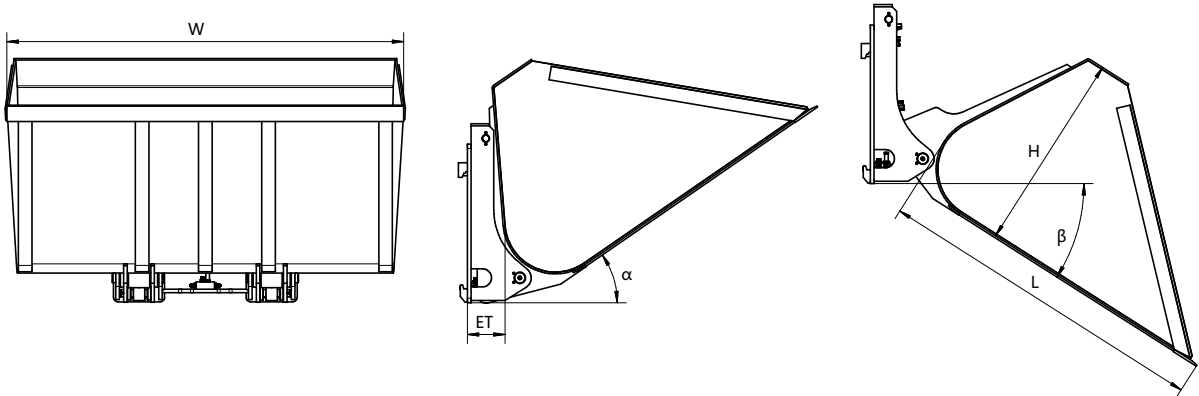
技术参数 TECHNICAL DETAILS											
压力值 Pressure (Bar)				流量值 Hydraulic Flow (L/min)							
最小 Min.	最大 Max.			最小 Min.	推荐 Rec.	最大 Max.					
-	160			19	30	38					

注：① 实际的叉车/属具综合承载能力请从叉车厂方获得。
Obtain the actual capacity of the forklift and attachments from the forklift manufacturer.
② 非侧移式的要求叉车提供1组附加油路，侧移式的要求叉车提供2组附加油路。
Non-Sideshifting type require two additional hydraulic circles,sideshifting require one additional hydraulic circle.

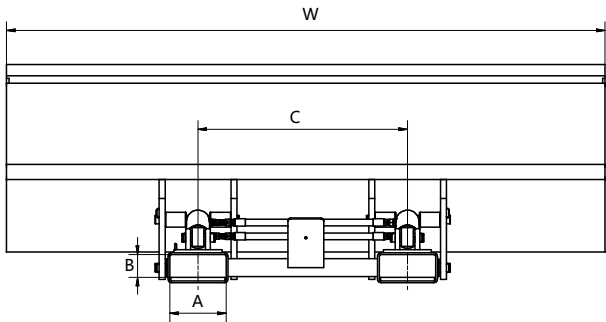
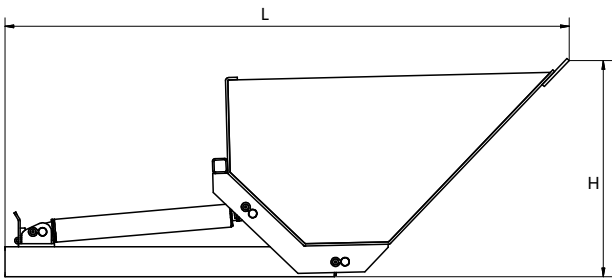
Load Stabilizer

载荷稳定器

10.5 液压铲斗 Hydraulic Bucket



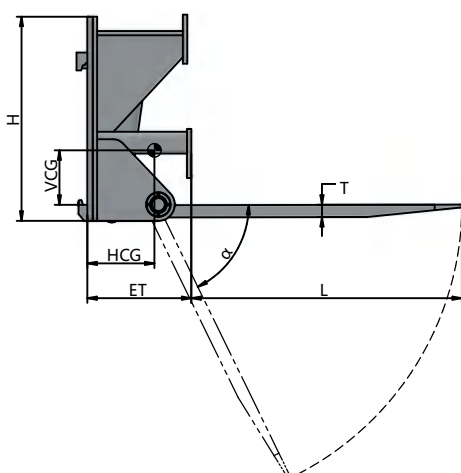
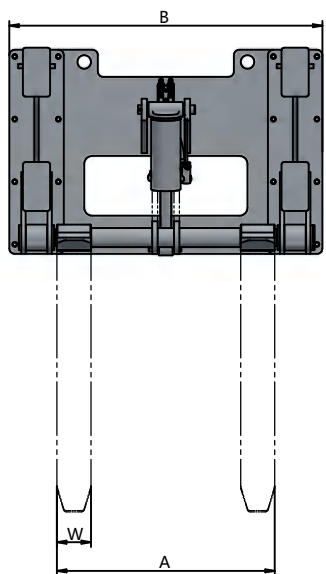
Capacity 承载能力	Model No. 型号	Mounting Class 安装等级	Tilt Forward/ Tilt Backward 前倾角 后倾角 α/β °	Length 铲斗长度 L mm	Width 铲斗宽度 W mm	Height 铲斗高度 H mm	Volume 铲斗容积 V m ³	Horizontal Center of Gravity 水平重心 HCG mm	Weight 自重 kg	Effective Thickness 失效距 ET mm
kg										
2000	CDY20D-008B	ISO 3A	35°/32°	1470	1750	880	1.2	469	620	160



Capacity 承载能力	Model No. 型号	Tilt Forward Tilt Backward 前倾角 后倾角 α/β °	Socket Size 插孔尺寸 A*B mm	Socket Spacing 插孔间距 C mm	Length 铲斗长度 L mm	Width 铲斗宽度 W mm	Height 铲斗高度 H mm	Volume 铲斗容积 V m ³	Horizontal Center of Gravity 水平重心 HCG mm	Weight 自重 kg	Effective Thickness 失效距 ET mm
kg											
2000	DBHS-20	45°/45°	188*76	700	1885	2000	720	0.8	1015	468	750



10.6 环卫叉 Sanitation Forks

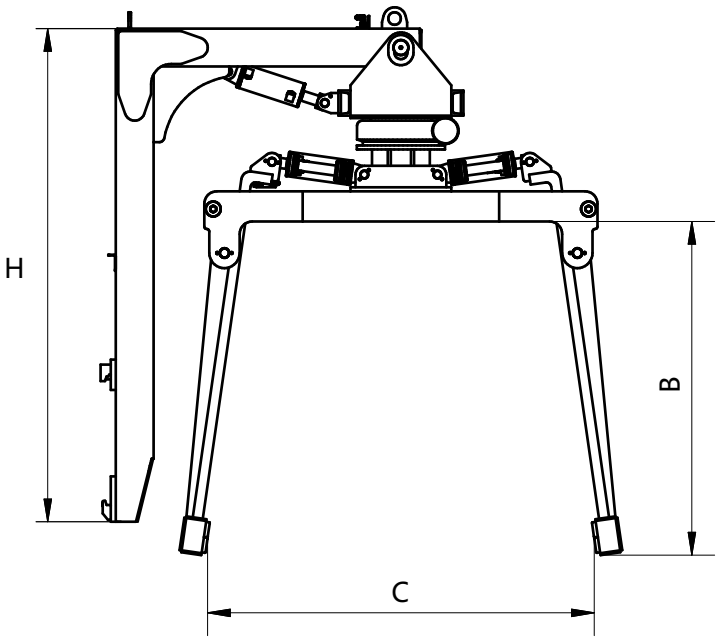
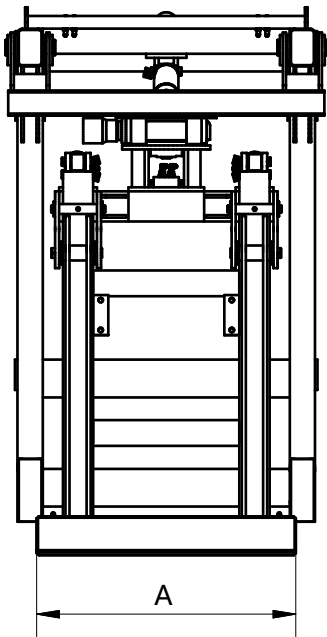


Capacity 承载能力	Load Center 载荷中心	Model No. 型号	Mounting Class 安装等级	Tilt Angle 倾角 α	Fork Size 货叉尺寸 L*W*T mm	Forks Outer Spacing 货叉外间距 A mm	Width 宽度 B mm	Height 高度 H mm	Horizontal Center of Gravity 水平重心 HCG mm	Weight 自重 kg	Effective Thickness 失效距 ET mm
2500	500	HW25D-006B	ISO 3A	73	994*125*45	800	1150	750	248	388	382
5000	600	HW50D-006C	ISO 4A	90	1000*150*45	1350	1400	865	275	538	300

技术参数 TECHNICAL DETAILS				
压力值 Presure (Bar)		流量值 Hydraulic Flow (L/min)		
最小 Min.	最大 Max.	最小 Min.	推荐 Rec.	最大 Max.
35	160	15	23	30

注：① 实际的叉车/属具综合承载能力请从叉车厂方获得。
Obtain the actual capacity of the forklift and attachments from the forklift manufacturer.
② 要求叉车提供1组附加油路。
Require one additional hydraulic circles.

10.7 钟罩式砖块夹
Bell Type Block Clamp



Capacity 承载能力	Load Center 载荷中心	Model No. 型号	Mounting Class 安装等级	Rotating Angle °	Height 高度	Arm Length 臂长	Arm Height 臂高	Block Unit Width 砖垛宽度	Horizontal Center of Gravity 水平重心	Weight 自重	Effective Thickness 失载距
kg	mm				H mm	A mm	B mm	C mm	HCG mm	kg	ET mm
3000	1050	BRB30D-020B	ISO 3A	360	1956	1200	1250	1200	914	1350	180

技术参数 TECHNICAL DETAILS				
压力值 Pressure (Bar)		流量值 Hydraulic Flow (L/min)		
最小 Min.	最大 Max.	最小 Min.	推荐 Rec.	最大 Max.
-	160	20	40	60

注：① 实际的叉车/属具综合承载能力请从叉车厂方获得。
Obtain the actual capacity of the forklift and attachments from the forklift manufacturer.
② 要求叉车提供2组附加油路。
Require two additional hydraulic circles.





11 机械属具 Mechanical Attachment



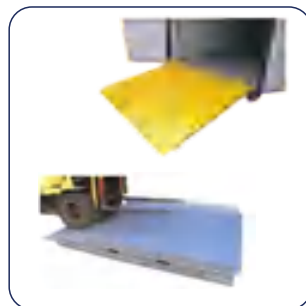
货叉
Forks



滚轮叉
Roller Forks



货叉套
Fork Extension



坡道平台
Container Ramp



起吊臂
Jib Crane



起吊叉
Pallet Hook



吊臂
Jib Crane



起吊钩
Crane Hook



单桶鹰嘴夹
Single Drum Clamp



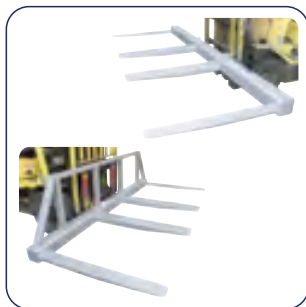
双桶鹰嘴夹
Two Drums Clamp



举桶器
Drum Lifter



扫地刷
Road Sweeper



货叉延伸器
Forks Spreader



门架和型材
Carriage & Profiles



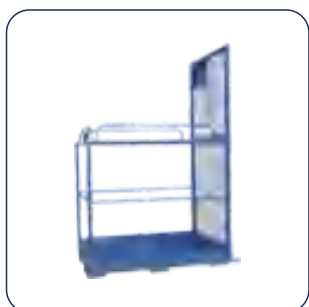
串杆
Booms



翻箱器
Bin Tipper



工作平台
Working Platform



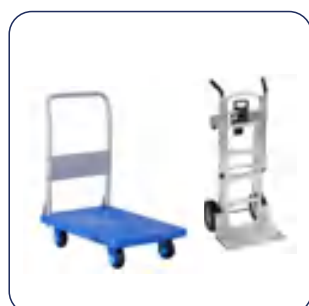
工作平台
Working Platform



吊笼
Crane Cages



货物笼
Goods Cages



手推车
Hand Cart



气瓶笼
Gas Bottle Cages



布袋搬运器
Bag Lifter



布袋搬运器
Bag Lifter



倾翻斗
Tipping Bins



倾翻斗
Dumping Bins



底开斗
Drop Bottom Bins



垃圾斗
Waste Bins



挂斗
Hook Bins



玻璃搬运器
Glass Handler



储油盒
Spill Pallet



排雪犁
Snow Plough



Welcome to be our local agents to develop local market
and make win-win situations.



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本手册的型号和规格会因为产品更新而变化恕不另行通知。

The models and specifications of this manual are subject to change due to product updates without prior notice.