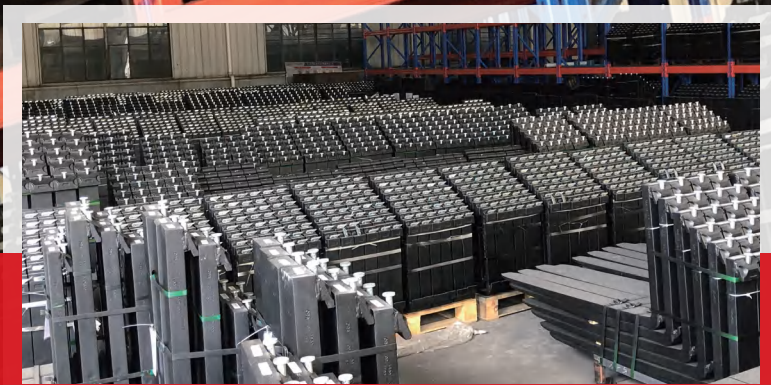




EP FORK

LIFTING YOUR BUSINESS





ABOUT US

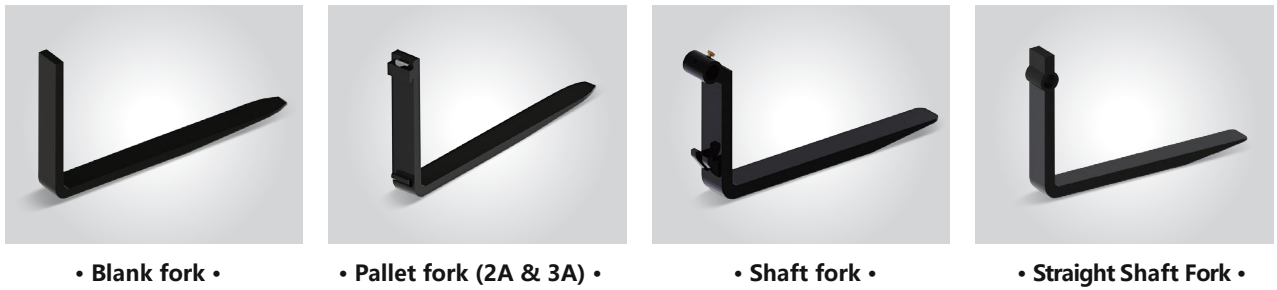
Founded in 1993 EP Equipment has become one of the top players in the world of intralogistical solutions. We offer a large range of material handling products like Pallet trucks, over stackers, order pickers and counterbalance trucks and more than 100,000 units are supplied to the customers around the world.

EP Equipment has extended the business to offer attachments the fork tine with fast development since 2009. we have highly-skilled team to push our customers' business forward smoothly.

We will consistently deliver the best service and products to our customers with our effort and desire.

PRODUCT

Forks are highly customized products subject to strict International Organization for Standardization ("ISO 2330") safety requirements, including certified manufacturing processes and product techniques. EP mainly provides 4 types of forks (blank fork, pallet fork, shaft fork and straight shaft fork) and main material specifications are as following.



Mechanical property					
	Test Project	Unit	Test Method	15B37 HC	33CrMnTiB
1	Tensile Strength	MPa	Tensile Testing Machine	≥931MPa	≥980MPa
2	Yield Strength	MPa		≥784MPa	≥825MPa
3	Elongation	%		≥13%	≥13%
4	Charpy"V"test	J(-20℃)	Impact Testing Machine	≥27	≥27
5	Hardness	HB	Durometer	280-360	280-360

PARAMETERS

Common Size of EP Fork

	Fork Type	Width (mm)	Thickness (mm)	Length (mm)	Loading Rate per Pair	Weight (kg)
1	Pallet 1A	80	30	1070	1000 KG x 500mm	27.7
2	Pallet 1A	80	30	815	1000 KG x 500mm	22.9
3	Pallet 1A	80	30	1220	1000 KG x 500mm	30.6
4	Pallet 1A	80	30	915	1000 KG x 500mm	24.8
5	Pallet 2A	80	35	1067	1000 KG x 500mm	32.7
6	Pallet 2A	100	35	1070	1700 KG x 600mm	40.4
7	Pallet 2A	100	35	1220	1700 KG x 600mm	44.6
8	Pallet 2A	100	40	1070	2500 KG x 600mm	45.7
9	Pallet 2A	100	40	1220	2500 KG x 600mm	50.4
10	Pallet 3A	100	45	1220	2500 KG x 600mm	65.3
11	Pallet 3A	125	50	1220	3800 KG x 600mm	85
12	Blank	100	50	1524	3500 KG x 600mm	88.1
13	Blank	180	75	1220	14100 KG x 600mm	200
14	Blank	180	75	1524	14100 KG x 600mm	225.2
15	Blank	180	75	2134	14100 KG x 600mm	305
16	Blank	180	75	2438	14100 KG x 600mm	323
17	Blank	300	65	1830	17600 KG x 600mm	375.3
18	Shaft	100	35	1070	1696 KG x 600mm	38.2
19	Shaft	100	35	1220	1696 KG x 600mm	42.3
20	Shaft	100	40	1220	2496 KG x 600mm	46.4
21	Shaft	100	50	1220	3800 KG x 600mm	67.27
22	Shaft	150	65	1219	8800 KG x 600mm	139
23	Shaft	150	65	1524	8800 KG x 600mm	159.3
24	Shaft	150	65	2134	8800 KG x 600mm	202.8
25	Shaft	150	65	2438	8800 KG x 600mm	218
26	Shaft	150	65	1830	8800 KG x 600mm	180.29
27	Shaft	150	65	2440	8800 KG x 600mm	232.3
28	Shaft	180	75	1830	14100 KG x 600mm	263.2
29	Shaft	180	75	1525	14100 KG x 600mm	242
30	Shaft	180	75	2438	14100 KG x 600mm	326.8
31	Shaft	200	75	1830	15600 KG x 600mm	300
32	Shaft	200	90	1829	22500 KG x 600mm	357
33	Shaft	200	90	2438	22500 KG x 600mm	444.3
34	Shaft	200	90	1524	22500 KG x 600mm	333.2
35	Shaft	200	100	1830	31100 KG x 600mm	417

* The above specifications are just for reference; all the parameters can be customized according to your special requests.

Basic Size Range

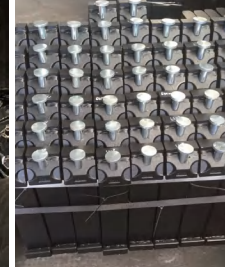
	Size Standard	Shaft Eye Size	Lock Pin	Basic Sizes Range
Blank Fork	/	/	/	Length 800-2440mm Width 80-300mm Thickness 30-100mm
Pallet Fork	per ISO/FDIS 2328:2006(E)	/	lever type or knob type	
(Straight) Shaft Fork	/	$\phi 36.5 \sim \phi 115\text{mm}$	bolt type	



• Lever Type •



• Bolt Type •

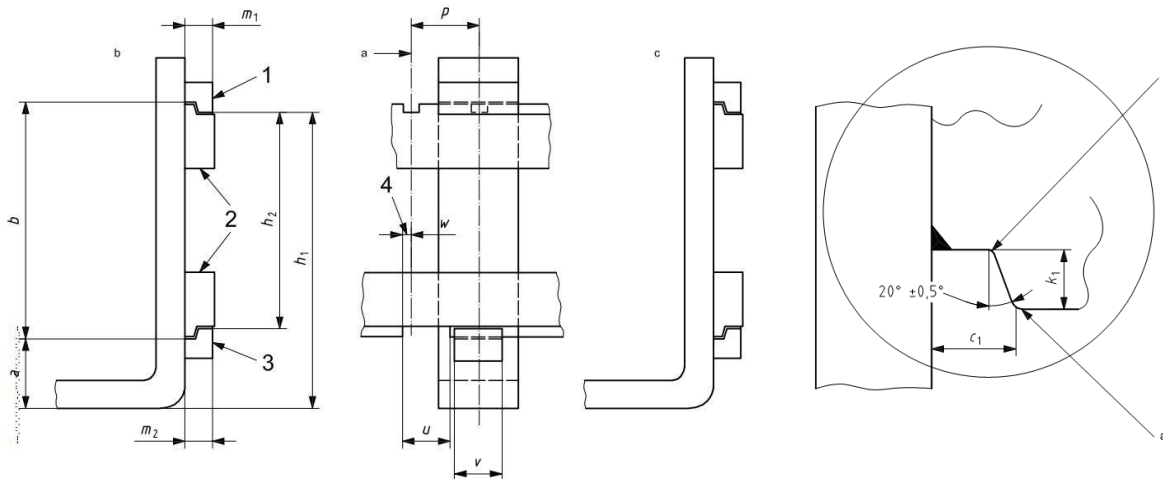


• Knob Type •

ISO/FDIS 2328:2006(E) Sizes Range

Table 1 - Mounting dimensions of hook-on type fork arms

Truck rated capacity		Fork arm type	a	c1	h1	h2		m1	m2	k1	n	Lower hook v
Class	kg		ref.	+1.0 0	±3.0		tol.	max.	max.	min.	±1.5	±1.5
1	Up to 999 400 to 600	A	76	16.5	394	306	+1.0 0	28	26	14	5	90
		B	114		432							
2	1000 to 2500 500 to 600	A	76	16.5	470	382	0	31	29	14	5	90
		B	152		546							
3	2501 to 4999 500 to 600	A	76	22	568	477	+1.5 0	40	38	17	5.5	115
		B	203		695							
4	5000 to 8000 600	A	127	26	743	598	0	47	45	20	8	139
		B	254		870							

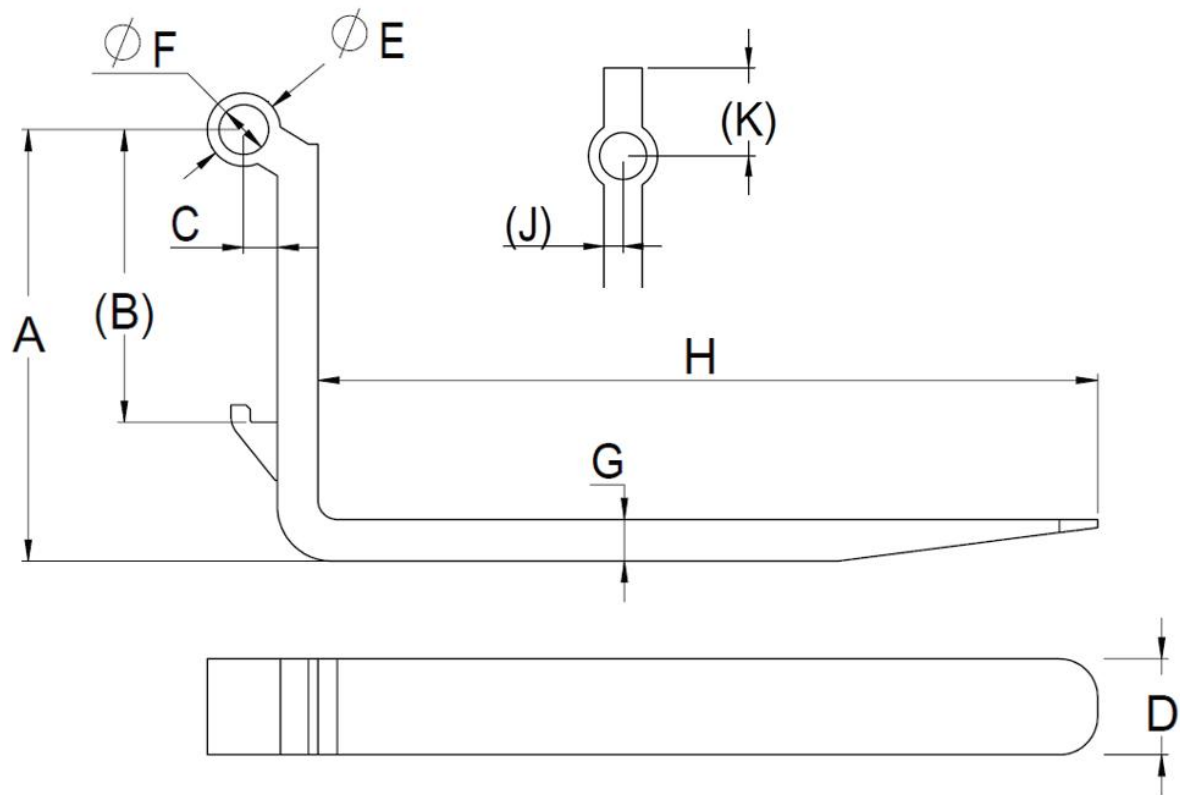


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Optional Shaft Eye

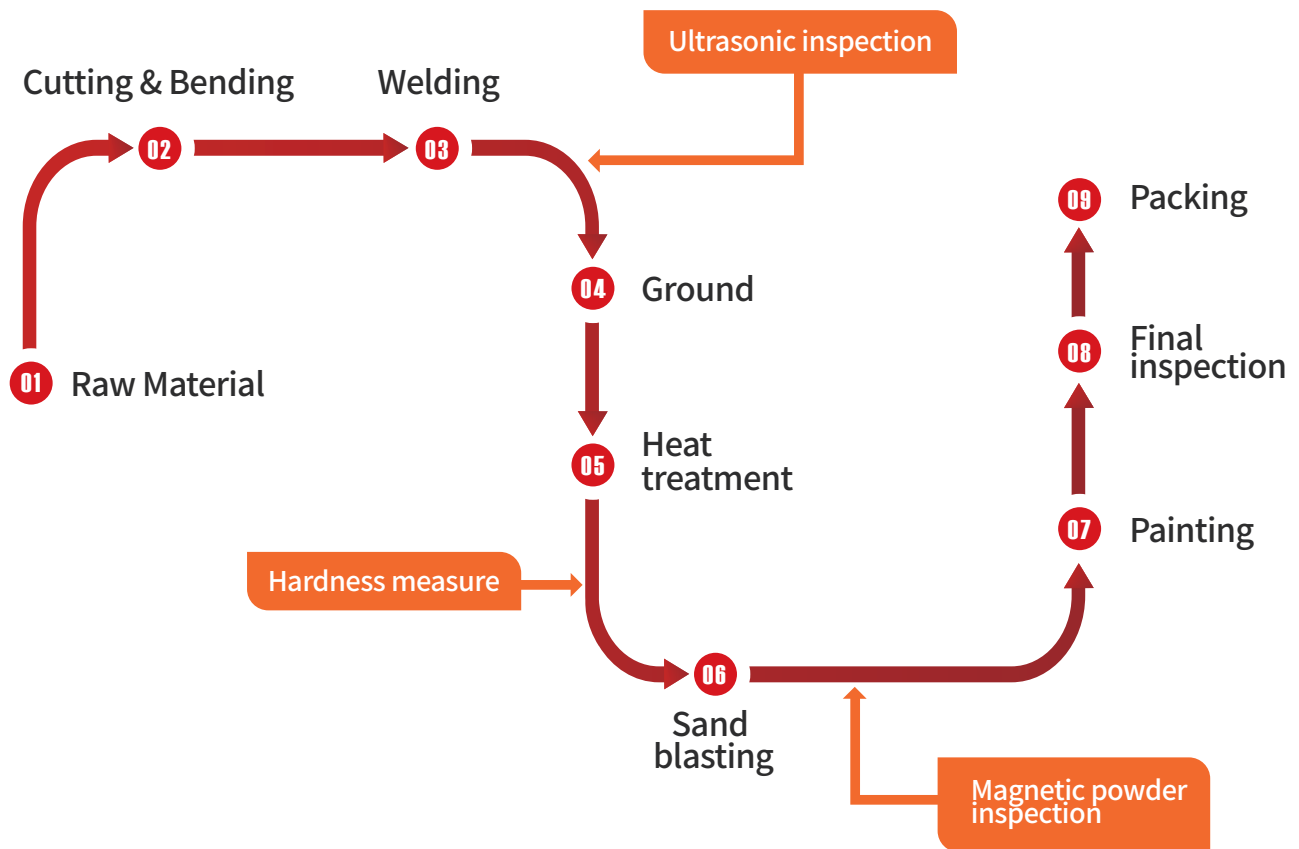
Table 2 - Enquiry dimensions of shaft fork

Size Code	A	B	C	D	E	F	G	H	I	J	K
Required	Yes	Optional	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Optional	Optional
Note	G size range: 80-200mm H size range: 800-2440mm G size range: 30-100mm F size range: 36.5-115mm										



* The above specifications are just for reference; all the parameters can be customized according to your special requests.

PRODUCT PROCESS



APPLICATION

Forks are essential to the function, safety, and capabilities of the forklift mainly used on storage facilities, logistics equipment & agricultural/construction/chemical plants/mines Machinery.



**Agricultural/
Construction/
Chemical Plants/
Mines Machinery**



**Storage
Facilities**

**Logistics
Equipment**





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