AMASPRO INC

América & Asia Products Inc



- Immediate processing of your requests
- Fast Dispatch
- Constant quality control of our products









Diesel Forklift

Strong and Durable,
Excellent Solution when Applied Outdoors

What's your imagination for a diesel forklift? Durable, reliable, powerful, or efficient? Whatever your imaginations, diesel forklifts from MASPRO INC will perfectly match your expectation.

Our forklifts are young but reliable, with years of development, forklifts keep delivering quality, productivity, and efficiency. You will never imagine the lifting in your warehouse or production facilities will be so easy, reliable, and cost-effective before meeting our products.

A high-quality diesel forklift is an essential component for your intralogistics solution. The low-noise diesel forklifts work perfectly in outdoors and can easily be operated on uneven surfaces.

Our diesel forklift is extremely ergonomic, offering the utmost reliability for goods transport, both indoors and outdoors goods transport. They are capable to handle loads weighing up to 15 tons.

Maybe it's your first time purchasing a forklift from overseas, and you'll be confused when choosing from the numerous engines or options. Please kindly don't worry, whatever your requirements are, our team will work with you together to find the perfect forklift to suit your needs.

With a choice of engines and options, we will always find a suitable solutionto facilitate your intralogistics, thus help you save time and cost.

Let's say goodbye to the tough warehouse work and Enjoy Easy Lifting together!

FD Series
1.0 - 5.0T Diesel Forklift

AMASPRO INC
América & Asia Products Inc

Technical Features

Excellent Visibility:
The new compact mast has greatly improved the visibility, providing the driver with excellent views of the load and the operating environment.

Ergonomic Design:
Operator and machine working as one. The operator can operate all control elements with minimum effort and utmost precision.

Powerful Engines:
The powerful and time-tested engine helps guarantee excellent driving dynamics with low emissions.

Perfect Combination of Power and Capacity:
Our FD Series diesel forklifts carry loads ranging from 1.0 to 5.0 tons while ensuring rapid turnaround and the utmost efficiency in your warehouse or production facility.



Robust in Every Way:
Unrivaled for maneuverability, whether making quick changes of direction, dynamic acceleration, rapid reversing, or precise positioning - the modern drive technology guarantees maximum driving comfort and the highest throughput.

Heat Dissipation:
With the optimized cooling system and great cooling performance, the service life of many key parts like transmission and engine has been greatly improved.

Serviceability:
The perfect serviceability is well guaranteed via a wider internal pace, the reasonable parts layout and a larger hood opening angle.

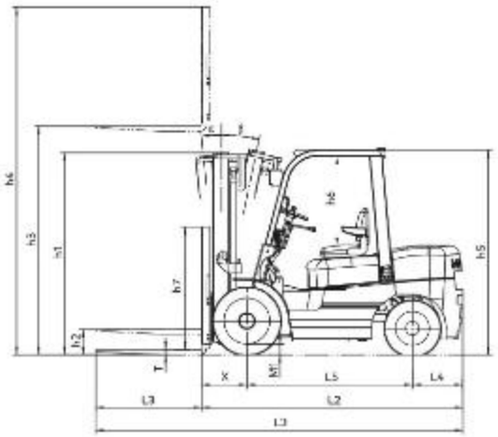
Genuine Cost-effectiveness:
Our FD Series diesel forklifts offer both powerful performance and genuine cost-effectiveness.

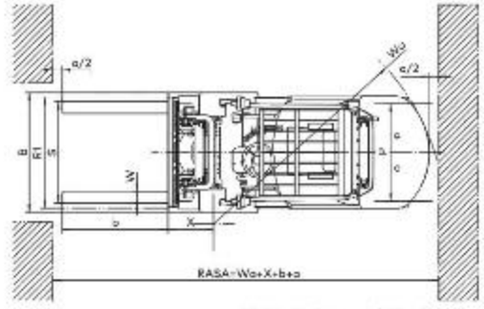
MASPRO INC
América & Asia Products Inc

Technical Parameters

	Characteistics						
1.1	Model Name	Metric	FD10	FD15	FD18	FD20	FD25
1.2	Power Source		Diesel	Diesel	Diesel	Diesel	Diesel
1.3	Rated Capacity	kg	1000	1500	1800	2000	2500
1.4	Load Center	mm	500	500	500	500	500
	Dimensions						
2.1	Mast Extended Height (with Brackrest)	mm	4065	4065	4065	4060	4060
2.2	Lifting Height	mm	3000	3000	3000	3000	3000
2.3	Mast Height, Lowered	mm	1995	1995	1995	2060	2060
2.4	Free Lift Height	mm	100	100	100	140	140
2.5	Backrest Height (Calculated from the Fork Surface)	mm	1015	1015	1015	1010	1010
2.6	Distance from the Surface of the Seat to the Overhead Guard	mm	1030	1030	1030	1035	1035
2.7	Overhead Guard Height	mm	2070	2070	2070	2090	2090
2.8	Overall Length (without Forks)	mm	2170	2260	2260	2475	2550
2.9	Overall Length (with Forks)	mm	2940	3180	3180	3545	3620
2.10	Fork Overhang	mm	420	420	420	435	435
2.11	Wheel Base	mm	1400	1400	1400	1600	1600
2.12	Real Overhang	mm	350	440	440	440	515
2.13	Min. Ground clearance (from Bottom of	mm	110	110	110	128	128
2.14	Overall Width	mm	1070	1070	1070	1150	1150
2.15	Lateral Fork Adjustment (Outside of Fork) (max./min.)	mm	968/200	968/200	968/200	1024/240	1024/240
2.16	Front Tread	mm	890	890	920	970	970
2.17	Rear Tread	mm	920	920	920	970	970
2.18	Min. Turning Radius(Outside)	mm	1880	1955	1985	2170	2240
2.19	Tilt of Mast Forward (deg) / Backward (deg) α / β	°	6/12	6/12	6/12	6/12	6/12
2.20	Fork size	mm	770*100*32	920*100*35	920*100*35	1070*120*40	1070*120*40
	Specification						
3.1	Travel Speed (laden/unladen)	km/h	11.5/14.5	11.5/14.5	11.5/14.5	17/19.5	17/19.5
3.2	Lifting Speed (laden/unladen)	mm/s	590/650	590/650	590/650	570/600	570/600
3.3	Self Weight	kg	2150	2590	2820	3320	3680
	Tyre						
4.1	Number of Drive Wheels		2X/2	2X/2	2X/2	2X/2	2X/2
4.2	Tyres Type		Pneumatic	Pneumatic	Pneumatic	Pneumatic	Pneumatic
4.3	Dimensions of Front Wheels		6.50-10-10PR	6.50-10-10PR	6.50-10-10PR	7.00-12-12PR	7.00-12-12PR
4.4	Dimensions of Rear Wheels		5.00-8-8PR	5.00-8-8PR	5.00-8-8PR	6.00-9-10PR	6.00-9-10PR
	Brake, Transmission Devices and Engine						
5.1	Battery Voltage/Capacity	V/Ah	12/80	12/80	12/80	12/90	12/90
	Engine Model		Quanchai4B 4-45V32 or Optional	Quanchai4B 4-45V32 or Optional	Quanchai4B 4-45V32 or Optional	Xinchai4D27 G31(490) or Optional	Xinchai4D27 G31(490) or Optional
5.3	Rated Output/r.p.m	kW/rpm	32/2500	32/2500	32/2500	36.8/2500	36.8/2500
5.4	Rated Torque/r.p.m	N.m/rpm	132/1800	132/1800	132/1800	156/1700-1900	156/1700-1900
5.5	No. of Cylinder		4-80*100	4-80*100	4-80*100	4-90*105	4-90*105
5.6	Displacement	L	2.27	2.27	2.27	2.67	2.67
5.7	Emission Standard		China stage III or Optional	China stage III or Optional	China stage III or Optional	China stage III or Optional	China stage III or Optional
5.8	Fuel Tank Capacity	L	38	38	38	60	60
5.9	Transmissions Type		Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic

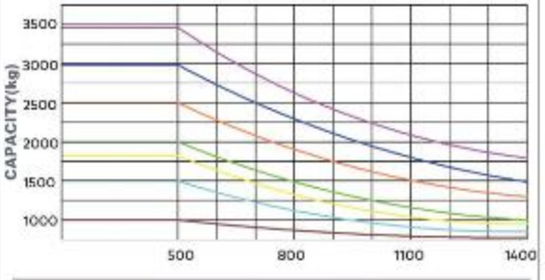
	Characteistics						
1.1	Model Name	Metric	FD30	FD35	FD40	FD45	FD50
1.2	Power Source		Diesel	Diesel	Diesel	Diesel	Diesel
1.3	Rated Capacity	kg	3000	3500	4000	4500	5000
1.4	Load Center	mm	500	500	500	500	500
	Dimensions						
2.1	Mast Extended Height (with Brackrest)	mm	4275	4270	4250	4250	4250
2.2	Lifting Height	mm	3000	3000	3000	3000	3000
2.3	Mast Height, Lowered	mm	2080	2125	2350	2350	2350
2.4	Free Lift Height	mm	145	150	150	150	150
2.5	Backrest Height (Calculated from the Fork Surface)	mm	1225	1220	1250	1250	1250
2.6	Distance from the Surface of the Seat to the Overhead Guard	mm	1035	1035	1020	1020	1020
2.7	Overhead Guard Height	mm	2106	2106	2350	2350	2350
2.8	Overall Length (without Forks)	mm	2690	2725	3195	3195	3195
2.9	Overall Length (with Forks)	mm	3760	3795	4265	4265	4265
2.10	Fork Overhang	mm	465	465	555	555	555
2.11	Wheel Base	mm	1700	1700	2100	2100	2100
2.12	Real Overhang	mm	525	560	540	540	584
2.13	Min. Ground clearance (from Bottom of	mm	145	145	175	175	175
2.14	Overall Width	mm	1225	1225	1420	1420	1420
2.15	Lateral Fork Adjustment (Outside of Fork) (max./min.)	mm	1091/250	1091/250	1340/300	1340/300	1340/300
2.16	Front Tread	mm	1000	1000	1180	1180	1180
2.17	Rear Tread	mm	970	970	1190	1190	1190
2.18	Min. Turning Radius(Outside)	mm	2420	2470	2600	2900	2900
2.19	Tilt of Mast Forward (deg) / Backward (deg) α / β	°	6/12	6/12	6/12	6/12	6/12
2.20	Fork size	mm	1070*125* 45	1070*125* 50	1070*150* 50	1070*150* 50	1070*150* 50
	Specification						
3.1	Travel Speed (laden/unladen)	km/h	18/19.5	18/19.5	22/22.5	22/22.5	22/22.5
3.2	Lifting Speed (laden/unladen)	mm/s	450/500	380/450	370/400	370/400	460/500
3.3	Self Weight	kg	4370	4750	5950	6200	6400
	Tyre						
4.1	Number of Drive Wheels		2X/2	2X/2	2X/2	2X/2	2X/2
4.2	Tyres Type		Pneumatic	Pneumatic	Pneumatic	Pneumatic	Pneumatic
4.3	Dimensions of Front Wheels		28*9-15-12PR	28*9-15-12PR	300-15-14PR	300-15-14PR	300-15-14PR
4.4	Dimensions of Rear Wheels		6.50-10-10PR	6.50-10-10PR	7.00-12-12PR	7.00-12-12PR	7.00-12-12PR
	Brake, Transmission Devices and Engine						
5.1	Battery Voltage/Capacity	V/Ah	12/80	12/80	24/90	12/90	12/90
5.2	Engine Model		Xinchai 4D27G31 or Optional	Xinchai 4D27G31 or Optional	Xinchai 4D35ZG31 or Optional	Xinchai 4D35ZG31 or Optional	Xinchai 4D35ZG31 or Optional
5.3	Rated Output/r.p.m	kW/rpm	36.8/2500	36.8/2500	48/2300	48/2300	48/2300
5.4	Rated Torque/r.p.m	N.m/rpm	156/1700-1900	156/1700-1900	230/1600-1800	230/1600-1800	230/1600-1800
5.5	No. of Cylinder		4-90*105	4-90*105	4	4	4
5.6	Displacement	L	2.67	2.67	3.47	3.47	3.47
5.7	Emission Standard		China stage III or Optional	China stage III or Optional	China stage III or Optional	China stage III or Optional	China stage III or Optional
5.8	Fuel Tank Capacity	L	60	60	90	60	60
5.9	Transmissions Type		Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic





RASA: Right-Angel Stack Aisle
a: Clearance
b: Length of Loading

LOAD CURVE



FD(L)35 FD(L)30 FD(L)25 FD(L)20
FD(L)18 FD(L)15 FD(L)10

Note: The vertical axis stands for load capacity while the horizontal axis stands for load center. The load capacity of standard mast at different load center can be known from this load chart.

Standard Configuration

Fork | Water Thermometer | Load Backrest | Overhead Guard |Electric Horn | Traction Pin | Fuel Gauge | Two-piece Multi-way Valve | Transmission Oil Filter Cartridge | Reversing Buzzer | Transmission Oil Dipstick | Neutral Safty Switch | Overhead Guard Rain-cover | Air Intake Device | Durable Patterned |Tool Box | Wide-view Mast | Standard Seat | Headlamp | Rear Combined Lamp | Shaped Pedal Pad | Hydraulic Oil Dipstick | Lifting and Tilt Lever | Tilt Adjustable Steering Column

Optional Configuration

Driver's Cabin | Warning Light | Upper Exhaust | Heater | Full Free 2-Stage Mast | Full Free 3-Stage Mast | Special Size Fork | Side Shifter | Paper Roller Clamp | Brick Clamp | Rotator | Push-puller | Fork Positioner | Other Japanese Engines | Cooling Air Conditioner | Suspension Seat | Solid Tyre | Fire Extinguisher | Rear Working Light | Cylinder Sleeve | Full LED Lights | OPS (Travelling Function and Loading Function)



AMASPRO INC

América & Asia Products Inc

Directory



Office in Panama

People to Contact:	Emails:
Marco González-Gerente General	sales@amaspro.com – Gerencia General
César Rodríguez-Ventas Int.	sales1@amaspro.com – Ventas Int
Martin Castillero-Op. y Logistica	sales3@amaspro.com – Op. y Logistica
Elida Vega-Admon-Finanzas	contac1@amaspro.com – Admon-Finanzas
Dally Siles -Asistente Admon	sales2@amaspro.com – Asist.

Contact us Headquarters

•(507) 277-4083 •(507) 277-4183 •(507) 277-4153
•(507) 277-4253 •(507) 277-4283 •(507) 392-3640 •(507) 392-7271

Marketing Management in Costa Rica

People to Contact:	Emails:
Marco González-Gerente General	amasprocr@gmail.com – Gerencia
Yorleny Leiton -Ventas Int.	amasprocr1@gmail.com> – Ventas Int

Contact Offices Costa Rica

•(506) 2101-4485 •(506) 8674-2000 (celular) •(506) 8530-5252 (celular)

www.amaspro.com



