

ZOOMLION

FD 100

INTERNAL COMBUSTION FORKLIFT



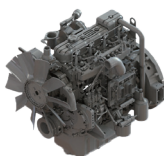
The color combination has obtained the protection of registered trademark

◆ More Reliable

- Self-made frame, high-precision welding of robotic arms, more sturdy and durable;
- The cooling system has been optimized and designed, and the inter cooling, water cooling and oil cooling are independently arranged. Greatly improve the reliability of the core components of the engine and gearbox;
- The high-pressure hose is sealed with a 24° cone to prevent leakage;
- The hydraulic system is equipped with explosion-proof valve to ensure safe operation and reliable work;
- Panoramic rear-view mirrors provide a wider rear-view field for safer driving;
- The neutral start protection function can effectively prevent mis-operation.



● 24 degree cone seal



● Japan Isuzu 6BG1 powerful and high quality

◆ More comfortable

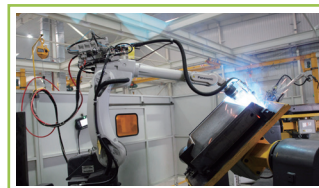
- Spacious upper and lower pedals and driving space, reducing leg manipulation fatigue;
- Manipulating the valve stem is ergonomic.



▲ Spacious driving space

FEATURES

▼ High precision welding of manipulator



◆ More efficient

- The streamlined design of the whole vehicle has a beautiful appearance, and has the advantages of stable working conditions, high working efficiency, high power, and good climbing performance, which can be operated in harsh working conditions;
- The hydraulic system adopts dual-pump confluence technology, which improves the work efficiency;
- Equipped with CAN technology, the driver can know the state of the engine in real time through the instrument;
- Hydraulic reversing gearbox + 315M high-capacity torque converter, the performance is more stable and reliable;
- It adopts a large air filter with a safety filter element and is equipped with a pre-filter to ensure the intake air volume of the engine.

◆ More environmentally

- Built in thermal insulation and sound-absorbing materials and rubber seals to greatly reduce vibration and noise;
- The engine meets the emission requirements of national III.

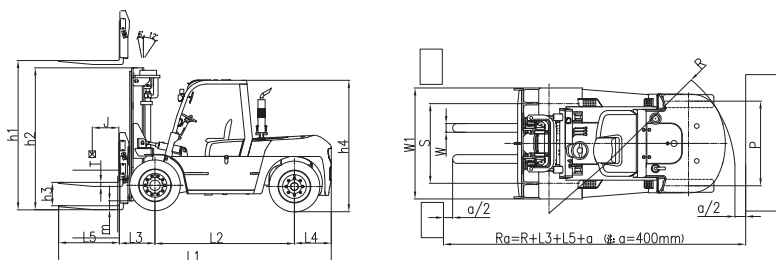
ZOOMLION FD80-100Z

Features		FD80Z	FD100Z
Power	-	Diesel	Diesel
Rated Capacity	Q(kg)	8000	10000
Center of load	c (mm)	600	600
Lifting height	h3 (mm)	3000	3000
Free lifting height	h2 (mm)	180	220
Forks LxWxH	s/e/l (mm)	1220x150x75	1220x175x80
Tilt Forward/Backward	°	6/12	6/12
Min.turning radius	Wa (mm)	3652	4080
Min.ground clearance(Mast)	Ra(mm)	5862	6620
ground clearance(Mast)	m1 (mm)	305	225
Overhead guard height	h6 (mm)	2530	2600
Front overhang	x (mm)	680	718
Performance			
Max.traveling speed(empty)	km/h	26/30	20/25
Max.lifting speed (loaded/empty)	mm/s	460/485	345/425
Gradeability	%	28	20
Size			
Overall length (without fork)	L1(mm)	3716	4260
Overall width	b1/b2	2035	2230
Mast lowered height	h1 (mm)	2630	2850
Mast extended height	h4 (mm)	4375	4280
Chassis			
Tire Front	-	8.25-20-14PR	9.00-20-14PR
Tire Rear	-	8.25-15-14PR	9.00-20-14PR
Wheelbase	y (mm)	2340	2800
Tread width(Front/Rear)	b10/11 (mm)	1470/1700	1600/1700
Curb weight(Non-load)	kg	10350	12650
Engine			
Battery(Voltage/Capacity)	V/Ah	(12/90)x2	(12/90)x2
Engine type	-	ISUZU 6BG1	ISUZU 6BG1
Rated power	kW	82.4	82.4
Rated torque	N·m	416	416
Displacement	L	6.594	6.594

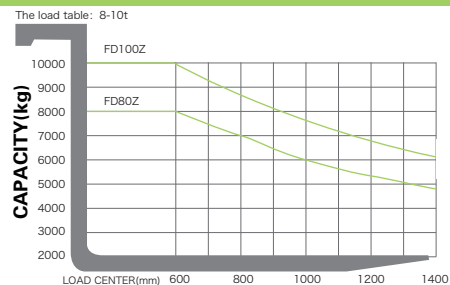
The company reserves the right to modify the parameters provided. In case of material commercial modification information, the following notice shall prevail.

Specification Of Optional Engine	Drive Type	Model	Displacement (L)	Rated Power/Speed (kW/r.p.m)
Cummins	Diesel	QSF3.8(Euro 3)	3.8	93/2200
Cummins	Diesel	F3.8(Euro 5)	3.8	90/2200
Xichai	Diesel	CA6110	7.127	83/2200

Capacity Chart



Machine 2D Graph



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