

4WD FORKLIFT

TRF35D-H

DIESEL

A robust and versatile machine designed to tackle challenging environments with ease. With a powerful engine and advanced 4-wheel drive capability, it can handle loads of up to 3.5 tons, making it ideal for heavy-duty tasks on uneven or rugged terrains.



CHARACTERISTICS			
Manufacturer			TUBOSHU
Model			TRF35-D
Configuration Number			CPCD35-W4Y4G3
Power Mode			Diesel
Rated Capacity			3500 kg
Load Center			500 mm
Driving Mode			Seated
DIMENSIONS			
Lifting Height	H	mm	3000
Max. Height Extended (fork to the ground, vertical mast)	H1	mm	2265
Max. Height Extended (with backrest)	H2	mm	4200
Free Lifting Height	H3	mm	160
Height of Overhead Guard	H4	mm	2420
Min. Ground Clearance	H5	mm	290
Height of Backrest	H13	mm	1155
Overall Length (with/without fork)	L/L'	mm	4254/3184
Wheelbase	L1	mm	2000
Front Overhang	L2	mm	584
Rear Overhang	L3	mm	600
Overall Width	W1	mm	1640
Track Width (front/rear)	W3	mm	1250/1280
Adjustment Range of Fork (outside fork Max/Min)	W5	mm	1395/250
Min. Outside Turning Angle	r	mm	3450
Mast Tilt Angle (fwd/bwd)	α/β	°	10/12
Fork Size: thickness*width*length	TxWxL4	mm	50x125x1070
Min. Right Angle Aisle Width	Ra	mm	3350
PERFORMANCE			
Max. Traveling Speeds (laden/unladen)		km/h	20/20
Lifting Speeds (laden/unladen)		mm/s	480/520
Lowering Speeds (laden/unladen)		mm/s	370/350
Max. Drawbar Pull (laden)		kN	38
Max. Gradeability (laden)		%	36
WEIGHT			
Total Weight		kg	5300
TYRES			
Wheels Number front/rear (x=driven)			2X/2
Tyre Type			Tubeless Tyre
Tyre Size (front)			14-17.5-16TL
Tyre Size (rear)			10-16.5-10TL
TRANSMISSION			
Transmission Gears (front/rear)			2-1 Power Shift M/T

ENGINE MODEL AND MAIN SPECIFICATIONS							
ENGINE MODEL	RATED POWER/ROTATING SPEED (kW/rpm)		MAX TORQUE /SPEED (nM/rpm)	NUMBER OF CYLINDERS-BORE STROKE/L	EMISSION		POWER UNIT
ISUZU 4JG2PE-01	44.9/2450		186.3/1600-1800	4-95.4x107/3.059	China Stage II		Diesel
3.5T-WIDE VIEW STANDARD							
MAST MODEL	MAX LIFTING HEIGHT (mm)	LOAD CAPACITY (kg)	LOWERED MAST HEIGHT (mm)	EXTENDED MAST HEIGHT WITH BACKREST (mm)	FREE LIFT HEIGHT (mm)	SERVICE WEIGHT (kg)	MAST TILT ANGLE α/β (°)
		3.5T	3.5T	3.5T	3.5T	3.5T	3.5T
M200	2000	3500	1765	3200	150	5200	10/12
M250	2500	3500	2015	3700	150	5260	10/12
M270	2700	3500	2115	3900	150	5280	10/12
M300	3000	3500	2265	4200	150	5300	10/12
M330	3300	3500	2415	4500	150	5360	10/12
M350	3500	3500	2515	4700	150	5380	10/12
M370	3700	3500	2615	4900	150	5390	10/12
M400	4000	3500	2815	5200	150	5460	10/6
M425	4250	3500	2940	5450	150	5480	10/6
M450	4500	3400	3065	5700	150	5490	10/6
M475	4750	3350	3190	5950	150	5540	10/6
M500	5000	3100	3315	6200	150	5580	5/6
M550	5500	2900	3615	6700	150	5670	5/6
M600	6000	2500	3865	7200	150	5720	5/6
3.5T-WIDE FULL VIEW 2-STAGE MAST							
MAST MODEL	MAX LIFTING HEIGHT (mm)	LOAD CAPACITY (kg)	LOWERED MAST HEIGHT (mm)	EXTENDED MAST HEIGHT WITH BACKREST (mm)	FREE LIFT HEIGHT (mm)	SERVICE WEIGHT (kg)	MAST TILT ANGLE α/β (°)
		3.5T	3.5T	3.5T	3.5T	3.5T	3.5T
ZM200	2000	3500	1765	3200	565	5220	10/12
ZM250	2500	3500	2015	3700	815	5280	10/12
ZM270	2700	3500	2115	3800	915	5300	10/12
ZM300	3000	3500	2265	4200	1065	5320	10/12
ZM330	3300	3500	2415	4500	1215	5380	10/12
ZM350	3500	3500	2515	4700	1315	5400	10/12
ZM370	3700	3500	2615	4900	1415	5410	10/12
ZM400	4000	3500	2815	5200	1615	5480	10/6
ZM425	4250	3500	2940	5450	1740	5500	10/6
ZM450	4500	3400	3065	5700	1865	5510	10/6
ZM475	4750	3350	3190	5950	1990	5560	10/6
ZM500	5000	3100	3315	6200	2115	5600	5/6
ZM550	5500	2900	3615	6700	2415	5690	5/6
ZM600	6000	2500	3865	7200	2665	5740	5/6
3.5T-WIDE FULL VIEW 3-STAGE MAST							
MAST MODEL	MAX LIFTING HEIGHT (mm)	LOAD CAPACITY (kg)	LOWERED MAST HEIGHT (mm)	EXTENDED MAST HEIGHT WITH BACKREST (mm)	FREE LIFT HEIGHT (mm)	SERVICE WEIGHT (kg)	MAST TILT ANGLE α/β (°)
		3.5T	3.5T	3.5T	3.5T	3.5T	3.5T
ZSM360	3600	3300	2015	4800	815	5390	10/6
ZSM400	4000	3300	2165	5200	965	5430	10/6
ZSM435	4350	3300	2265	5550	1065	5510	10/6
ZSM450	4500	3200	2315	5700	1115	5540	10/6
ZSM470	4700	3000	2375	5900	1175	5560	10/6
ZSM480	4800	3000	2415	6000	1215	5610	10/6
ZSM500	5000	2900	2415	6200	1315	5670	5/6
ZSM550	5500	2900	2615	6600	1415	5770	5/6
ZSM600	6000	2250	2815	7200	1615	5830	5/6

OPTIONAL ITEMS		
INTELLIGENT SECURITY	MODEL	
	ELECTRO-HYDRAULIC DIRECTIONAL TRANSMISSION	◊
	FULL SET OF OPS	-
	STAMPING SPECIAL-SHAPED OVERHEAD GUARD	◊
	TILT CYLINDER SELF-LOCKING VALVE	◊
	HELI INTELLIGENT FLEET MANAGEMENT SYSTEM	-
	FOLDBACK PREFILTER	-
	MAIN POWER SWITCH	-
	FUEL TANK CAP WITH LOCK	◊
	FIRE EXTINGUISHER	-
COMFORT & CONVENIENCE	FULL SUSPENSION SEAT	-
	SUSPENDED OVERHEAD GUARD	◊
	DESCENT BUFFER	◊
	FRONT AND REAR ADJUSTABLE STEERING COLUMN	◊
	REVERSING HORN HANDLE	-
	USB INTERFACE	-
	INSTRUMENT IDENTIFICATION	-
	ELECTRIC FAN	-
	REVERSING VOICE HORN	-
	MEET THE LASTEST EMISSION POWER (NATIONAL IV/NATIONAL III)	◊
CAB	LOAD-SENSING STEERING	◊
	FULL LCD INSTRUMENT	◊
	HIGH EXHAUST	◊
	FRONT WINDSHIELD	-
	REAR WINDSHIELD	-
	OVERHEAD GUARD	◊
	INTEGRAL CAB	-
	INTEGRAL CAB (INSTALLED WITH HEATER)	-
	INTEGRAL CAB (INSTALLED WITH HEATER & AIR CONDITIONNER)	-
	INTEGRAL CAB (INSTALLED WITH AIR CONDITIONNER)	-

OPTIONAL ITEMS		
LAMPLIGHT	MODEL	
	LED LIGHTS	◊
	LED REAR WORKING LIGHTS (2PCS)	-
	WARNING LIGHT (ROTATING)	-
	WARNING LIGHT (ROTATING BUZZER)	-
	WARNING LIGHT (FLASHING)	-
LIFTING SYSTEM	BLUE LIGHT	-
	BASIC MAST	◊
	FULL FREE MAST (2-STAGE OR 3-STAGE)	-
	NON-STANDARD ATTACHEMENTS	-
	MAST HEIGHT	-
OTHER	FORK ARM CARRIER	-
	LOAD BACKREST	-
	METRIC THREAD	◊
	AMERICAN STANDARD THREAD	-
	SOLID TIRE	-
	TILT CYLINDER SHEATH	-
	STEERING CYLINDER SHEATH	◊
	UNIVERSAL KEY	-
	CUSTOMIZED COLORS	-

“◊” Standard “-” Optional