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Tuboshu delivers innovative, sustainable engineering built for Africa. Backed by decades of expertise, we design adaptive, high-performance solutions that solve real operational challenges. Our commitment to quality drives every project, supported by a trusted network for maintenance, technical assistance, and ongoing after-sales service.

Elevate Your Power



TUBOSHU

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Certain specification(s) are based on engineering calculations and are not actual measurements. Specification(s) are provided for comparison purposes only and are subject to change without notice. Specification(s) for your individual Tuboshu equipment will vary based on normal variations in design, manufacturing, operating conditions, and other factors. Pictures of Develon units may show other than standard equipment.



TUBOSHU



FORKLIFT **7**
TF100

TECHNICAL SPECIFICATION

CHARACTERISTICS

Manufacturer	TUBOSHU
Model	TF100
Configuration Number	TUHECP100UK
Power Type	Diesel
Rated Capacity	1000 kg
Load Center	600 mm
Driving Mode	Sit-On Type

BRAKES AND TRANSMISSION

Battery Voltage/Capacity	V/Ah	2x12/80
Service Brake		Powered Brake-Pedal
Parking Brake		Mechanical Hand Brake Lever
Oil Tank Capacity	L	160
Transmission Type		Intelligent Shifting
Transmission Number of Speed (fwd/bwd)		2/2

TRUCK SPECIFICATIONS

Max. Travelling Speed (loaded/unloaded)	km/h	27/30
Lifting Speed (loaded/unloaded)	mm/s	330/350
Lowering Speed (loaded/unloaded)	mm/s	without load ≥300, with full load ≤600
Max. Draw Bar (loaded)	kN	58
Max. Gradeability (loaded/unloaded)	%	22/20
Weight (oil included)	kg	12510
Axle Load (Loaded) front/read	kg	20030/2480
Axle Load (unloaded) front/rear	kg	5510/7000

ENGINE SPECIFICATIONS

Manufacturer/Mode		Cummins Qsb4.5 (EU Stage IIIB, US EPA Tier 4(i), China Stage III)
Rated Power/Rotational Power	Kw/rpm	82/2200
Rated Torque/Rotational Speed	Nm/rpm	489/1500
Cylinder Number		4
Displacement	L	4.5

TYRES

Wheel Numbers	4x/2
Tyre Type	Pneumatic Tyre
Tyre Size Front	9.00-214PR
Tyre Size Back	9.00-214PR



TECHNICAL SPECIFICATION

10 T Wide Views Standard Mast

MAST MODEL	MAX FORK HEIGHT (mm)	LOAD CAPACITY (load center 600mm) (kg)	FREE LIFT HEIGHT (with backrest) (mm)	HEIGHT (mast lowered) (mm)	SERVICE WEIGHT (KG)	MAST TILT ANGLE α/β (°)
M250	2500	10000	200	2600	12379	6/12
M270	2700	10000	200	2700	12419	6/12
M300	3000	10000	200	2850	12500	6/12
M330	3300	10000	200	3000	12548	6/12
M350	3500	10000	200	3100	12593	6/12
M375	3750	10000	200	3225	12643	6/12
M400	4000	10000	200	3400	12783	6/12
M425	4250	10000	200	3525	12838	6/12
M450	4500	10000	200	3650	12888	6/12
M475	4750	9500	200	3775	12945	6/6
M500	5000	9000	200	3900	13000	6/6
M550	5500	8500	200	4200	13301	6/6
M600	6000	7800	200	4450	13351	6/6

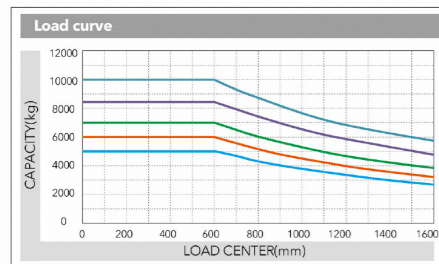
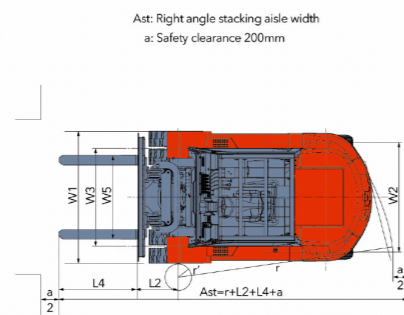
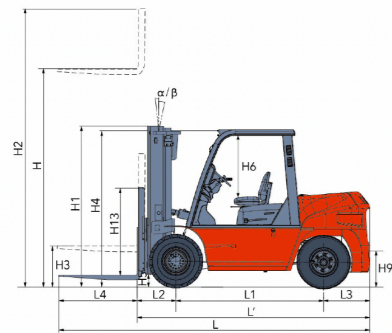
MAST MODEL	MAX FORK HEIGHT (mm)	LOAD CAPACITY (load center 600mm) (kg)	FREE LIFT HEIGHT (with backrest) (mm)	HEIGHT (mast lowered) (mm)	SERVICE WEIGHT (KG)	MAST TILT ANGLE α/β (°)
ZM250	2500	10000	1215	2600	12379	6/12
ZM270	2700	10000	1315	2700	12419	6/12
ZM300	3000	10000	1465	2850	12500	6/12
ZM330	3300	10000	1615	2975	12548	6/12
ZM350	3500	10000	1715	3100	12593	6/12
ZM375	3750	10000	1840	3225	12643	6/12
ZM400	4000	10000	2015	3400	12783	6/12
ZM425	4250	10000	2140	3525	12838	6/12
ZM450	4500	10000	2265	3650	12888	6/12
ZM475	4750	10000	2390	3775	12945	6/6
ZM500	5000	10000	2515	3900	13000	6/6
ZM550	5500	9000	2815	4200	13301	6/6
ZM600	6000	8000	3065	4450	13351	6/6

MAST MODEL	MAX FORK HEIGHT (mm)	LOAD CAPACITY (load center 600mm) (kg)	FREE LIFT HEIGHT (with backrest) (mm)	HEIGHT (mast lowered) (mm)	SERVICE WEIGHT (KG)	MAST TILT ANGLE α/β (°)
ZSM360	3600	8500	1150	2570	13236	6/12
ZSM400	4000	8500	1280	2700	13328	6/12
ZSM435	4350	8500	1400	2820	13408	6/12
ZSM450	4500	8200	1450	2870	13448	6/6
ZSM480	4800	8000	1550	2970	13516	6/6
ZSM500	5000	7700	1615	3035	13562	6/6
ZSM540	5400	7000	1805	3225	13696	6/6
ZSM600	6000	6300	2005	3425	13836	6/6
ZSM650	6500	5600	2170	3590	13954	6/6
ZSM700	7000	4600	2435	3855	14132	6/6

TECHNICAL SPECIFICATION

DIMENSIONS

Mast Height, Extended with Backrest	H2	mm	4415
Max. Fork Height	H	mm	3000
Mast Height, Lowered	H1	mm	2850
Free Lift	H3	mm	200
Backrest Height (from the fork surface)	H13	mm	/
Overhead Guard Clearance (from face of seat)	H6	mm	1060
Overhead Guard Height	H4	mm	2560
Overall Length with Forks	L	mm	5430
Overall Length without Forks	L'	mm	4210
Front Overhang	L2	mm	720
Rear Overhang	L3	mm	715
Wheel Base	L1	mm	2775
Traction Pin Center Height	H9	mm	520
Min. Ground Clearance from bottom of mast	H5	mm	250
Truck Body Width	W1	mm	2165
Lateral Fork Adjustment (outside fork) (min/max)	W6	mm	420-2060
Front Tread	W3	mm	1600
Rear Tread	W2	mm	1700
Min. Turning Radius (external)	r	mm	3900
Min. Turning Radius (internal)	r'	mm	200
In Right Angle Stacking Aisle Width (standard load size 1200x1200)	Ast	mm	6040
Mast Tilting Angle (forward/rear)	α/β	°	6/12
Fork Size	L4	mm	80x1220x175



Note: The vertical axis stands for load capacity and the horizontal axis stands for load center which is calculated from the front surface of the forks to the gravity of the standard load. The standard load means a cubic with 1200mm edge length. When mast is tilted forward, using non-standard forks or loading large goods, the load capacity will be reduced. The load capacity of standard mast at different load center can be known from this load chart.

TECHNICAL SPECIFICATION

STANDARD CONFIGURATION

Hour meter
Horn
Oil pressure alarm
Control valve
Wholly hydraulic-powered steering Rubber pad
Backrest
Rear view mirror
Front combined lamp (LED light)
Transmission oil filter
Engine flame out device
Ratchet type parking brake
Water temperature meter
Overhead guard
Standard fork
Neutral gear switch
Hydraulic circuit oil filter
Electro-hydraulic changing-over Intelligent shift
Speed-limiting valve
Oil level gauge
Charging indicator
Wide view mast
Air intaking device
Durable tire with decorative pattern
Traction pin
Lifting and tilting operating handles
Semi-suspension seat
Hydraulic oil dipstick
Overhead guard rain cover
Torque converter oil dipstick
Combined instrument

OPTIONAL CONFIGURATION

Driver's cab
Warning light
High air exhausting device
Double air cleaner
Suspension seat
Fork extension
Heater
Solid tyre
Widen fork carriage
Wind shield
Purifying muffler
Fi re extinguisher muffler
Fi re extinguisher
Rear working light
Air conditioner (certain type)
OPS (travelling function)
Torque converter oil temperature
Tilting meter cylinder sleeve
Steering cylinder sleeve
User-specified color
Optional attachments
Sling
Full LED light ass'y
Power switch
Reversing voice speaker
Universal key
Overspeed 10km/h alarm
Electric fan
OPS (Travelling function and loading function)
Drive axle with wet disc type brake

DRIVER'S CAB

Rear combined lamp(LED)
Reversing buzzer
Tilt-lock valve
Tilt adjustable steering column
Back view mirror