

# Engineering built smarter. Solutions built to last.

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<sup>7</sup>

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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<sup>7</sup>

## FORKLIFT<sup>7</sup> TF160D

# TECHNICAL SPECIFICATION

## CHARACTERISTICS

Manufacturer	TUBOSHU
Model	TF160D
Configuration Number	TUHECPCD160UK
Rated Capacity (Q)	16000 kg
Load Center (c)	600 mm

## DIMENSIONS

Lifting Speed (loaded)	mm/s	350 / 300
Lowing Speed (loaded)	mm/s	380 / 310
Travelling Speed (Loaded/Unloaded)	km/h	27 / 30
Max. Gradeability	%	20

## ENGINE

Manufacturer / Model	—	Cummins 6BTAA5.9-C170
Rated output / Speed	kW / rpm	127 / 2200
Rated torque / Speed	Nm / rpm	750 / 1400
Number of cylinders	—	6
Displacement	L	5.9
Emission standard	—	China II
Fuel system	—	Two-stage filtering system

## TRANSMISSION

Gear shift (front / rear type)	4 / 4 Hydraulic reversing
Torque converter	340 high-performance torque converter
Shifting technology	Electric-hydraulic

## DIMENSIONS

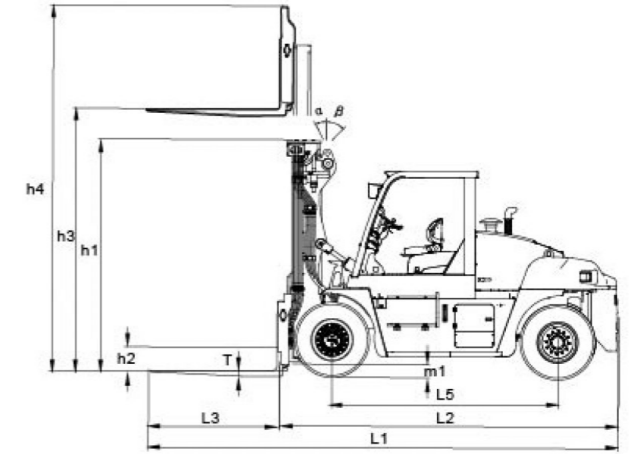
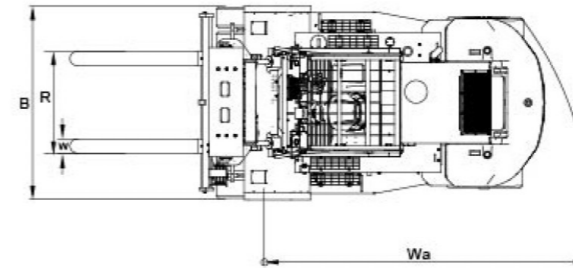
Overall length (with fork)	L1	mm	6335
Overall width	B	mm	2760
Overall height (at mast)	H1	mm	5280
Overall height (at works)	H4	mm	4780
Wheel base	L5	mm	3250
Lift height (standard)	H3	mm	3000
Min. underclearance	m1	mm	345
Length	L3	mm	1370
Width	W	mm	200
Thickness	T	mm	85
Adjustable range	R	mm	500 - 2370
Min. turning radius (external)	Wa	mm	4500
Mast tilt angle (fwd / back)	$\alpha/\beta$	°	6 / 12

## TYRES

Type (front / rear)	4 / 2 Pneumatic tyre
Size	12.00-24-20PR

# TECHNICAL SPECIFICATION

a: Clearance  
b: Load center



## BRAKES

Service brake	Gas cap oil – pedal type
Parking brake	Wet-type multiple disc brake

## WIDE-VIEW BASIC TYPE MAST

MAST MODEL	Max. Lifting Height (mm)	Load Capacity(load center 600mm) (kg)	Mast Overall Height (mm)	MAST TILT ANGLE $\alpha/\beta$ (°)
M300	3000	16000	3260	6° / 12°
M350	3500	16000	3530	6° / 12°
M400	4000	16000	3780	6° / 12°
M450	4500	16000	4030	6° / 12°
M500	5000	16000	4280	6° / 8°
M550	5500	15000	4530	3° / 6°
M600	6000	14000	4780	3° / 6°
M650	6500	13000	5230	3° / 6°

## STANDARD CONFIGURATION & OPTIONAL EQUIPMENT

Wide view mast	◇	Neutral indicator	◇	Air inlet device	◇
Standard fork	◇	Electro-hydraulic changing-over	◇	Driver's tool	◇
Steering indicator	◇	Mechanical type air filter obstruction alarm	◇	Standard seat	◇
Back-up mirror	◇	Overhead guard	◇	Warm air blower	○
Front combination lamp	◇	Fire extinguisher	◇	Air conditioner	○
Rear combination lamp	◇	Hydraulic oil level gauge	◇	Common solid tyre	○
Stopwatch (hour meter)	◇	Four-piece control valve	◇	Cab	○
Rotary warning lamp	◇	Tilt self-lock valve	◇	Floating seat	○
Reversing buzzer	◇	Flow regulator of tilting oil circuit	◇	Operator Presence Sensing service control system	○
Back-up lamp	◇	Fully-hydraulic powered steering	◇	User-designated color	○
Hydraulic fork positioner	◇	Oil filter of hydraulic oil loop	◇	Side shifter	○
Electric horn	◇	Durable tyre with decorative pattern	◇	String rod	○
Engine air pressure alarm	◇	Tilt and adjustable steering column	◇	Hydraulic side-shift fork positioner (pitch adjustment of single fork)	○
Charging indicator	◇	Traction pin	◇		○
Water temperature meter of engine	◇	High exhaust	◇	No-trace solid tyre	○

◇/ Standard - ○/ Optional