

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

TUBOSHU⁷

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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.

TUBOSHU⁷



FORKLIFT⁷
TF320-460D

TECHNICAL SPECIFICATION

CHARACTERISTICS

Manufacturer	TUBOSHU	TUBOSHU	TUBOSHU
Model	TF320D	TF350D	TF460D
Configuration Number	TUHECPCD320UK	TUHECPCD350UK	TUHECPCD4600UK
Rated Capacity (Q)	32000 kg	35000 kg	46,000 kg

		TF320D	TF350D	TF460D
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MAIN PARAMETERS

Rated load		kg	32000	35000	46000
The mass		kg	43000	46000	59500
Maximum lifting speed (loaded/unloaded)		mm/s	250/300	230/245	300/350
Maximum speed (loaded/unloaded)		km/h	22/24	22/24	23/26
Gradeability (loaded)(2km/h)		%	20	20	20

DIMENSIONS

Overall length	L	mm	9202	9202	10370
Overall width	W	mm	3460	3460	4120
Overall height	H	mm	4120	4120	4830
Load center distance	L1	mm	1200	1200	1200
Wheelbase	L2	mm	4650	4650	5500
Front overhang	L3	mm	1162	1162	1270
Rear overhang	L4	mm	990	990	1160
Minimum underground clearance	H2	mm	275	275	350
Seat height	H4	mm	2590	2590	2620
The turning radius	R1	mm	824	824	936
Turning radius (outside)	R2	mm	6395	6395	7518
Front track	W1	mm	2490	2490	3090
Rear track	W2	mm	2440	2440	2840
Mast height (retracted/extended)	H/H1	mm	4120/6120	4120/6120	4830/6830
Mast lifting height	H3	mm	4000	4000	4000
Mast tilting angle (forward/backward)	α/β	deg	6/10	6/10	6/10
Fork dimension (length*width*thickness)		mm	2440×300×115	2440×300×120	2440×300×145
Fork adjusting range (Outside of Fork)		mm	920-2850	920-2850	1250-2850

WIDE VIEW MAST – TF320/350

Mast	Max.fork Height (mm)	Overall height (mm)	Max.mast height (mm)	Tilt angle α/β)(°)
M400	4000	4120	6120	6/10
M450	4500	4370	6620	6/10
M500	5000	4620	7120	6/10
M550	5500	4870	7620	6/10
M600	6000	5120	8120	6/10
M650	6500	5370	8620	6/10
M700	7000	5620	9120	6/10
M750	7500	5870	9620	6/10
M800	8000	6120	10120	6/10

TECHNICAL SPECIFICATION

WIDE VIEW MAST – TF460

Mast	Max.fork Height (mm)	Overall height (mm)	Max.mast height (mm)	Tilt angle α/β)(°)
M400	4000	4830	6830	6/10
M450	4500	5080	7330	6/10
M500	5000	5330	7830	6/10
M550	5500	5580	8330	6/10
M600	6000	5830	8830	6/10
M650	6500	6080	9330	6/10
M700	7000	6330	9830	6/10
M750	7500	6580	10330	6/10
M800	8000	6830	10830	6/10

Duplex full free mast is optional.
Our products are constantly updated and improved. Parameters and design are subject to change without prior notice.
The configuration and color of the products in figures may be different from the actual delivered model..

ENGINE

	TF320	TF350	TF460
Brand	VOLVO	VOLVO	VOLVO
Model	TAD881VE	TAD881VE	TAD1181VE
Rated output (kW/RPM)	185/2200	185/2200	265/2100
Peak torque (Nm/RPM)	1160/1350	1160/1350	1785/1316
Emission standards	EU Stage V / T4F / China Stage IV	EU Stage V / T4F / China Stage IV	EU Stage V / T4F / China Stage IV
Emission Technology Route	DOC+DPF+SCR	DOC+DPF+SCR	DOC+DPF+SCR

TANK

	TF320	TF350	TF460
Fuel tank (L)	340	340	480
Hydraulic oil tank (L)	310	310	450
Brake oil tank (L)	110	110	135
Urea tank (L)	25	25	45

OTHER

	TF320	TF350	TF460
Transmission Model	ZF3WG211	ZF3WG211	DANA TE27 / DANA TE30
Tyre Size	16.00-25	16.00-25	18.00-25

STANDARD & OPTIONAL CONFIGURATIONS

	TF320	TF350	TF460		TF320	TF350	TF460
Reversing radar	◦	◦	◦	Air conditioning	◦	◦	◦
Reversing image	◦	◦	◦	Used by air conditioning	◊	◊	◊
Weighing system	◊	◊	◊	Pneumatic tyre, Vacuum tyre	◦	◦	◦
The vehicle ops	◦	◦	◦	Solid tyre	◊	◊	◊
The door frame ops	◦	◦	◦	Solid tyre(front), pneumatic tyre(rear)	◊	◊	◊
Quantitative system	/	/	/	Pneumatic tyre(front), solid tyre(rear)	◊	◊	◊
Variable system	◦	◦	◦	Removable cab	/	/	◦
				Tilting cab	◦	◦	/

/ - Not Used
◦ - Standard
◊ - Optional