

FORKLIFT TRUCK KONECRANES LIFTACE F 10-600 C

TECHNICAL DATA - PRELIMINARY

LIFTING DATA			
Lift capacity / Load center (up to 7000 mm / standard mast)		10000 kg / 600 mm	
Lifting speed, unloaded / at rated load		0.52 m/s / 0.47 m/s	
Lowering speed, unloaded / at rated load		0.40 m/s / 0.40 m/s	
DRIVING DATA			
Drive speed forward, unloaded / at rated load		27 km/h / 26 km/h	
Drive speed reverse, unloaded / at rated load		27 km/h / 26 km/h	
Incline (driving ability) at rated load at 0 km/h / 2 km/h		27 % / 24 %	
Towing (power ability) at rated load at 0 km/h / 2 km/h		91 kN / 80 kN	
SERVICE WEIGHT / AXLE PRESSURE			
Service weight		14200 kg	
Axle pressure front, unloaded / at rated load		7900 kg / 22650 kg	
Axle pressure rear, unloaded / at rated load		6300 kg / 1550 kg	
ENGINE (ELECTRONIC CONTROLLED)			
Engine make / model name	Volvo TAD-571-VE	Torque ISO 3046 / at speed	810 Nm / 1400 rpm
Emission approval EU / US	Stage 4 / Tier 4f	Displacement / No. of cyl. / type	5.1 l / Inline 4
Monitoring / EC / CanBus	Yes / Yes / Yes	Fuel consumption, normal usage	5 - 8 l/h
Fuel / type of engine / intercooler	Diesel / 4-stroke / Yes	Alternator, type/power / capacity	AC / 2800 W / 100 Amp
Power ISO 3046 / max speed	129 kW / 2300 rpm	Start battery, voltage/capacity	2 x 12 V / 100 Ah
TRANSMISSION (ELECTRONIC CONTROLLED)			
Transmission make / model name		Dana TE-10	
Monitoring / reverse protection / CanBus		Yes / Yes / Yes	
Clutch, type		Torque converter	
Clutch, type		Softshift – Powershift / Automatic	
No. of gears, forward/reverse		3 / 3	
DRIVE AXLE & BRAKE SYSTEM			
Drive axle make / model name		Kessler D81	
Drive axle type / drive axle width		Differential + hub reduction / 2500 mm	
Service brake system, type / affected wheels		Oil cooled Wet Disc Brakes / drive wheels	
Parking brake system, type / affected wheels		Dry disc brake / spring release / drive wheels	
STEERING AXLE & STEERSYSTEM			
Steer axle make / type		Konecranes / double acting single cylinder	
Steering system		hydraulic servo assisted / power steering	
WHEELS			
Number of wheels, front + rear / type (*driven)		4*+2 / pneumatic	
Tire pressure front / rear		1.0 MPa / 1.0 MPa	
Tire dimensions (Ply rating) front / rear		11.00 x 20" (PR 20) / 11.00 x 20" (PR 20)	
Rim dimension front / rear		8.00 x 20" / 8.00 x 20"	
HYDRAULIC SYSTEM			
Hydraulic pump make / model name		Parker & Hannifin / P2-series	
Hydraulic system / pump type		Load sensing system / variable piston pump	
Power-on-demand / Low energy / Separate oil tanks		Yes / Yes / No	
Hydraulic oil pressure mast		23.5 MPa	
TANK VOLUMES			
Diesel tank volume		131 l	
		Hydraulic tank volume	152 l
LIFTING EQUIPMENT			
Lift mast make / model		Konecranes / Duplex standard	
Lift mast type / design		2-stage / free visibility	
Fork carriage make / model		Konecranes / integral double forks	
Fork carriage type		Hydraulic individual fork positioning	
NORMS & STANDARDS		OTHERS	
Machine Directive in Europe	2006 / 42 / EC	Noise level (inside Cab / Lm)	DIN 45635 68 dB(A)
Stability of Industrial Trucks	ISO 22915-2	Noise level (inside Cab/ LpAZ)	EN 12053 72 dB(A)
Safety of Industrial trucks	EN ISO 3691-1	Noise level (outside at 7 m/ Lwa)	2000/14/EC 105 dB(A)

