

ENGINE- AXLE- TRANSMISSION

- Cummins QSB EC Tier III.
- Heavy duty air cleaner with safety element.
- Cummins engine protection system.
- ZF 3WG automatic transmission.
- 3 speeds forward and reverse.
- ZF transmission protection.
- Kessler heavy duty planetary drive.
- Oil cooled wet disc brakes.
- Omega heavy duty steer axle.
- Full power hydrostatic steering
- Single steer cylinder
- Rigid drag links.

ELECTRICAL SYSTEM

- 24 Volt Canbus system.
- 2 x 12 volt (735CCA) batteries.
- Digital Display screen.
- 24V/120 amp alternator.
- 2 x Roof mounted forward facing led lights.
- 1 x Roof mounted rear facing led light.
- 2 x LED type tail and stop lights.
- 4 x Turn indicators.
- 1 x Safety Strobe light.
- 1 x Audible reversing alarm.
- 1 x Cabin internal roof light.
- Electric horn.
- Dash mounted emergency stop.

CAB AND CONTROLS

- Front mounted all weather cabin.
- Resilient mounted cab.
- Tinted safety glass.
- Tilt cabin.
- Left side entry with door hold back.
- Right side emergency exit door.
- Rubber floor mat with noise reduction.
- Front and rear wipers and washers.
- Vinyl suspension seat with seat belt.
- Adjustable steering column.
- Finger tip servo control with ergonomically mounted console.
- Cabin roof light.
- Electric horn.

BASIC TRACTOR

- Tilt 4deg Forward, 10deg Back.
- Low mount tilt cylinders.
- 12.00 x 20 lug tyres.
- Quick detach panel assemblies.
- Gas assisted access bonnets with fail safe lock bar.
- Non slip walk surfaces.
- 1 x Fire Extinguisher.
- Lift lugs.
- Sight glasses on hydraulic tank with magnetic plugs.
- Filter and suction strainers.
- Basic Tractor Omega Gold.
- Cabin Charcoal grey.
- Mast, Carriage & Forks Charcoal grey.
- Wheels Charcoal grey.
- Counterweight Omega Gold.

GENERAL

- 1 x Hard copy operators manual.
- 1 x CD copy operators manual.

OPTIONS

- Air Suspension seat.
- Lift circuit accumulator
- Observers seat with seat belt.
- Roof Wiper washer.
- Roof Blind.
- Left and right rear vision mirrors.
- Battery isolator.
- Fire Suppression systems.
- Jump start receptacle.
- Catalytic Convertor.
- Rotating beacon.
- HID Worklights.
- Additional LED Worklights.
- Extra Worklights.
- Digital Weight Gauge.
- Spare Wheel (includes tyre & rim).
- Tilt options up to 15 deg.
- Omega data monitoring.
- 24 volt to 12 volt converter
- Air conditioning and heating unit.
- 1 x CD copy service manual.
- 1 x CD copy parts manual.



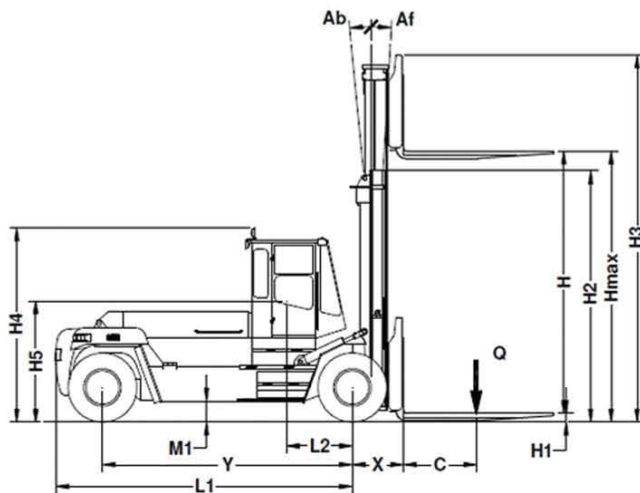
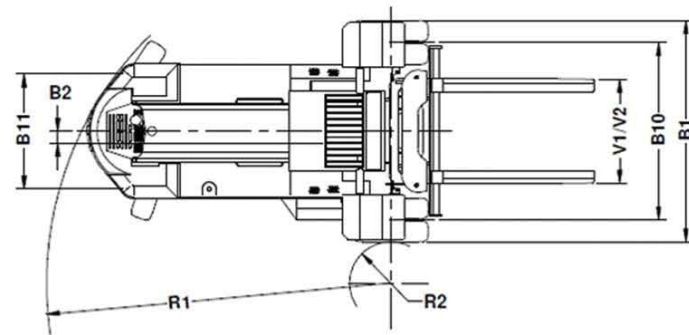
Forklift Trucks

14-6t @ 600mm LC | 12-16t @ 1200mm LC | 18t @ 900mm LC

Features

- Cummins QSB electronic engine.
- ZF 3WG transmission.
- ZF electronic transmission control.
- Wet Disc Brakes, oil cooled.
- Engine protection system.
- Safety interlocks.
- Fingertip servo control.
- Outstanding visibility.
- 24 volt electrical system can bus.
- Tilt cabin.
- Omega data monitoring system (optional).





Specifications	1	MANUFACTURER			OMEGA FORKLIFT TRUCK					1		
	2	MODEL	REF	Designation	Units	14S-6	16-6	12-12N	16-12N	18-9N	2	
	3	LOAD CAPACITY	Q	Rated load	kg	14 000	16 000	12 000	16 000	18 000	3	
	4	LOAD RATING	C	distance	mm	600		1200		900	4	
	5	OPERATOR TYPE		Stand on / driver seated		Seated					5	
	6	UPRIGHT	H	Std lift height	mm	3658					6	
	7	FORK		Thickness x width x length	mm	90x200x2440	90x200x2440	100x200x2440			7	
	8	TILT OF UPRIGHT		Forward / Backward	deg	4/10					8	
Dimensions	9	OVERALL DIMENSIONS	L1 + x	Fork face to rearmost point	mm	4699	5249	5187	5736		9	
	B1		Width	mm	2515	2580				10		
	H2		Overall height (lowered)	mm	3892		4112			11		
	H3		Overall height (raised)	mm	5721		5941			12		
	H4		Cabin height	mm	2830	3270	2830	3650		13		
	H5		Seat height	mm	1680	1940	1680	1940		14		
	15	TURNING RADIUS	R1	Empty / Laden	mm	4370 / 4870	4940 / 5440		5650 / 6150		15	
	16	LOAD CENTRE	X	Drive axle to fork face	mm	728		880			16	
Performance	17	90° STACKING AISLE	A1	For containers unladen / laden	mm	5182 / 5380	6840/7200		7240 / 7540		17	
	18	SPEEDS		Travel - unladen	km/h	25					18	
	19			Lifting - laden/unladen	m/s	03.7 / 0.44					19	
	20			Lowering - laden/unladen	m/s	0.5 / 0.5					20	
	21	MAX. DRAWBAR PULL		Laden	kN	100.1	95.6	98.6			21	
	22	GRADEABILITY 1.6KM/H		Laden	%	30					22	
	23	MAX. GRADEABILITY		Laden	%	33.8			34		23	
	Weight	24	SERVICE WEIGHT		Including battery (line 45)	kg	20 180	21 280	21 735	24 560		24
25		AXLE LOADING		Laden (front/rear)	kg	32460 / 2020	35540 / 2140	30500 / 3236	36820 / 2800	37600 / 3090	25	
26			Unladen (front/rear)	kg	10410 / 9770	11580 / 9700	11743 / 10262	12590 / 11970		26		
Chassis	27	TYRE TYPE		P=Pneumatic C=Cushioned	Front/rear	P / P					27	
	28	WHEELS		Number of wheels	Front/rear	4 / 2					28	
	29	TYRES		Size	Front	1200x20					29	
	30			Size	Rear	1200x20					30	
	31	WHEELBASE	Y		mm	2921	3450		4000		31	
	32	TREAD		Centre lines tyres front/rear	mm	1870 / 1912					32	
	33	GROUND CLEARANCE	M1	Laden - minimum	mm	250					33	
	34		M2	Laden - middle of W'base	mm	315					34	
	35	SERVICE BRAKE		Type - Brake wheels		Wet disc brake - driven wheels					35	
	36	PARKING BRAKE		Type - Brake wheels		Spring applied, hydraulic released					36	
Driveline	37	BATTERY		Volts/ampere Hrs (max capacity)	V / Ah / CCA	24 / 90 / 730					37	
	38	FUEL TANK		Capacity	L	190	230		380		38	
	39	HYDRAULIC TANK		Capacity	L	210	230		330		39	
	40	I.C. ENGINE		Manufacturer - Cummins	type	QSB4.5 - 160			QSB6.7-160		40	
	41			Rated output SAE J1349	kW	119					41	
	42			Rated speed SAE J1349	RPM	2500					42	
	43			No. Of cylinders/displacement	cm ³	4 / 4500			6 / 6700		43	
	44			Max Torque	Nm/RPM	622 / 1500					44	
	Misc.	45	TRANSMISSION		ZF Transmission	Speeds	ZF 3WG161					45
		46	OPERATION PRESSURE		For attachments (adjustable)	Bar	205					46
47		SOUND LEVEL		Average at driver's ear*	dB(A)	80					47	
48		*AS3713-1985									48	