

PERFORMANCE	38.16 400°	40.18 400°
Maximum capacity (kg)	3.800	4.000
Maximum lifting height (m)	15,70	18,00
Maximum horizontal outreach (m)	13,35	15,30
Outreach at maximum height (m)	3,70	2,95
Fork swivelling angle	134°	134°
Pull-out force (daN)	5.700	5.700
Towing force (daN)	7.300	7.300
Maximum climb angle	40%	40%
Total weight empty (kg)	13.200	13.700
Max speed (km/h)	25*	25*

* referred to wheels having the maximum allowable diameter

BOOM	38.16 400°	40.18 400°
Times: empty (in seconds)	Patented compensation system	
Lifting	17,4	20,6
Descent	12,6	14,2
Extension	34,2	26,0
Retraction	21,9	17,0
Forward swivelling	3,9	3,8
Reverse swivelling	2,4	2,0

ENGINE	
Model:	KUBOTA V3800-T-E3B
Maximum power kW (HP) @ rpm:	74(101) @ 2600
Maximum torque (Nm) @ rpm:	325 @ 1600
Intake:	Turbo compressor
Emissions:	Tier3/Stage3a
Injection:	Mechanical 4-stroke diesel
Number and arrangement of cylinders:	4, vertical in line
Displacement (cm ³):	3769
Cooling system:	liquid
	Air self-cleaning pre-filter

OPTIONALS AND ACCESSORIES

A/C ; Water Heaters; Seat pneumatic suspension; Light on the boom; Quick coupling for accessories; Radio; Anti-theft system; Glass protection; LED work lights.

(For further customizations, contact your local dealer)

TRANSMISSION

Hydrostatic with variable flow pump.
 Engine with continuous automatic adjustment
 Servocontrolled 2-speed gearbox
 Reversing: Electro-hydraulic
 Pedal inching control for controlled forward movement

SAFETY DEVICES

Load control system with movement stopping in case of overload, starting only with gear in neutral, running only with driver on board, automatic parking brake with the engine off, forks locking, stabilizers with raised boom, work area limitation function, safety seatbelt, emergency stop, rear view mirror

DEVICES AS PER STANDARD

Approval: ROPS - FOPS. Description: Suspension on silent-blocks, soundproofing, front and rear wiper with washer, roof and openable rear glass, double-glaze door with opening top, radio pre-arrangement, adjustable steering wheel (height and inclination). Instrumentation: Load indicator, tachometer, water temperature gage, fuel level gage, engine oil and water temperature indicator, speedometer, hour meter, clock, LCD-TFT display.

HYDRAULIC PLANT	
Gear pump for power steering and movements	
Max flow rate (l/min):	110
Multigrade mineral oil	
Maximum operating pressure (bar):	230
Hydraulic Distributor in 5 sections with electronic servo-control	

DIFFERENTIAL AXLES	
Steering axles: 2, with 4 planetary reduction gears	
Type of steering: 4 wheels / transversal / 2 wheels	
Service braking: Oil bath on the 4 wheels with double hydraulic system and servo brake	
Parking braking: Negative actuation with electrical control	

REFUELLING (Litres)	
Hydraulic plant (total)	270
Fuel tank	180

DIMENSIONS	38.16 400°	40.18 400°
A	310	310
B	2430	2280
C	2950	2950
D	1175	1175
E	1490	1330
F	4880	4880
G	6555	6405
H	3040	3040
I	980	980
L	1920	1920
M	2380	2380
N	3970	3970
O	5265	5160
P	1700	1700
Q	4430	4430
R	4750	4750

Measurements expressed in millimetres

