



DIECI



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ZEUS



37.7



37.8



38.10



33.11

PERFORMANCE	37.7	37.8	38.10	33.11
Maximum capacity (kg)	3.700	3.700	3.800	3.300
Maximum lifting height (m)	7,35	7,80	9,75	10,60
Maximum horizontal outreach (m)	4,00	4,45	6,45	7,35
Outreach at maximum height (m)	0,20	0,35	0,84	1,09
Fork swivelling angle	146°	146°	146°	146°
Pull-out force (daN)	5.700	5.700	5.700	5.700
Towing force (daN)	7.300	7.300	7.300	7.300
Maximum climb angle	40%	40%	40%	40%
Total weight empty (kg)	7.600	7.700	8.000	8.200
Max speed (km/h) *	40	40	40	40

* = referred to wheels having the maximum allowable diameter

BOOM	37.7	37.8	38.10	33.11
Times empty (in seconds)				
Lifting	7,3	7,2	8,7	8,7
Descent	3,8	3,7	5,0	5,0
Extension	5,2	5,5	7,6	8,6
Retraction	2,9	3,1	4,6	5,2
Forward swivelling	2,7	2,7	2,7	2,7
Reverse swivelling	1,7	1,6	1,6	1,6

Patented compensation system

ENGINE	
Model:	Kubota
Maximum power kW (hp):	85 (114)
Revolutions per minute (rpm):	2600
Operation:	4-stroke diesel
Injection:	Electronic direct, Common Rail
Number and arrangement of cylinders:	4, vertical in line
Displacement (cm ³):	3769
Specific consumption at 2600 rpm (g/kWh)*:	227
Exhaust gas after treatment system	DPF (Stage 3B / Tier 4i)
	Aftercooler turbo compressor
* at maximum power	Liquid cooling system

HYDRAULIC SYSTEM	
Gear pump with max speed capacity (lt/1'):	170
Max operating pressure (bar):	240
Distributor control with joystick:	4 in 1 electro-proportional

DIFFERENTIAL AXLES	
Steering axles: 2, with planetary reduction gears	
Steering types: 4 wheels / transversal / 2 wheels	
Front axle: rigid	
Back axle: oscillating	
Oil bath service braking on the front axle with servo brake	
Negative action parking brake.	

REFUELLING (Litres)	
Hydraulic plant (total)	140
Fuel tank	160

OPTIONALS AND ACCESSORIES	
A/C; Water heaters; Pneumatic suspension seat; Light on boom head; LED work lights; Quick coupling for accessories; Radio; Anti-theft system; Window protection; Transverse leveling.	
(For additional customizations, contact the local dealer)	

TRANSMISSION	
Hydrostatic transmission with variable displacement pump.	
Hydrostatic engine with automatic variation.	
Electrical - hydraulic inversion.	
Inching pedal for controlled advancement.	
Servocontrolled 2-speed gearbox.	

DEVICES AS PER STANDARD	
Anti-tipping device with peorative movement block.	
Hydraulic socket for any accessories on the boom head.	
Soundproof closed cab, ROPS-FOPS approved, with heating.	
Self-blocking differential front axle (limited slip 45%).	
Electric window winder.	
LCD Display.	
High efficiency cyclone filter.	
Only on the following models: 33.11	
Independent hydraulic tipping outriggers	

TYRES	
Tyres	405/70x20"
* Alternative	18-22.5"
* Alternative	18R22.5"
** Alternative	405/70x24"

DIMENSIONS	37.7	37.8	38.10	33.11
A/A*/A**	340/390*/410**	340/390*/410**	340/390*/410**	340/390*/410**
B	1410	1640	1440	1730
C	2600	2600	2600	2600
D	970	970	970	970
E/E*/E**	4080/4125*/4145**	4080/4125*/4145**	4080/4125*/4145**	4080/4125*/4145**
F	4980	5210	5010	5300
G	940	940	940	940
H/H*/H**	2310/2360*/2380**	2310/2360*/2380**	2310/2360*/2380**	2310/2360*/2380**
I	1780	1780	1780	1780
L	2290	2290	2290	2290
M	3700	3870	3730	3950
N	820	820	820	820
O	3450	3450	3450	3450

Measurements expressed in millimetres A* - E* - H* = Measurements referring to optional wheels

