

DIECI
UNITED STATES



Dieci United States
40851 Route 6 - Wyalusing, PA
18853
844-257-7903 Toll free

www.diecious.com

ZEUS



37.7



37.8



38.10



33.11

PERFORMANCE	37.7	37.8	38.10	33.11
Maximum capacity lb(kg)	7785(3531)	7818(3546)	7994(3626)	6982(3167)
Maximum lifting height ft(m)	24.1(7.35)	25.6(7.8)	32(9.75)	34.8(10.6)
Maximum horizontal outreach ft(m)	13.5(4.1)	14.9(4.55)	21.5(6.55)	24.4(7.45)
Outreach at maximum height ft(m)	1(0.3)	1.5(0.45)	3.1(0.94)	3.9(1.19)
Fork swivelling angle	146°	146°	146°	146°
Pull-out force lbf(daN)	12814.2(5700)	12814.2(5700)	12814.2(5700)	12814.2(5700)
Towing force lbf(daN)	16411.1(7300)	16411.1(7300)	16411.1(7300)	16411.1(7300)
Maximum climb angle	40%	40%	40%	40%
Total weight when empty lb(kg)	16755(7600)	16976(7700)	17637(8000)	18078(8200)
Max speed mph(km/h) *	25(40)	25(40)	25(40)	25(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 HP:	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 in ³ (cm ³):	230(3769)
Specific consumption lb/Btu(g/kWh) @ rpm:	1466.4(227) @ 2600
After-treatment exhaust gas system	DPF (Stage 3B / Tier 4i)
	Aftercooler turbo compressor
* at maximum power	Liquid cooling system

HYDRAULIC SYSTEM	
Gear pump with max speed capacity USA gal/1'(l/1')	44.91(170)
Max operating pressure psi(bar):	3480.9(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	
Hydraulic system (total) USA gal(l)	37(140)
Diesel tank USA gal(l)	42.2(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**	13(340)/15(390)*/16(410)**	13(340)/15(390)*/16(410)**	13(340)/15(390)*/16(410)**	13(340)/15(390)*/16(410)**
B	56(1410)	65(1640)	57(1440)	68(1730)
C	102(2600)	102(2600)	102(2600)	102(2600)
D	38(970)	38(970)	38(970)	38(970)
E/E*/E**	161(4080)/162(4125)*/163(4145)**	161(4080)/162(4125)*/163(4145)**	161(4080)/162(4125)*/163(4145)**	161(4080)/162(4125)*/163(4145)**
F	196(4980)	205(5210)	197(5010)	209(5300)
G	37(940)	37(940)	37(940)	37(940)
H/H*/H**	91(2310)/93(2360)*/94(2380)**	91(2310)/93(2360)*/94(2380)**	91(2310)/93(2360)*/94(2380)**	91(2310)/93(2360)*/94(2380)**
I	70(1780)	70(1780)	70(1780)	70(1780)
L	90(2290)	90(2290)	90(2290)	90(2290)
M	146(3700)	152(3870)	147(3730)	156(3950)
N	32(820)	32(820)	32(820)	32(820)
O	136(3450)	136(3450)	136(3450)	136(3450)

Measurements expressed in: in(mm) A* - E* - H* = Measurements referring to optional wheels

