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**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) *	30**	30**	30**	30**

\* = referred to wheels having the maximum allowable diameter  
(\*\* On request 40 Km/h)

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

Patented compensation system

ENGINE	
Model:	FPT – NEF – TIER3A
Maximum power kW(HP) @ rpm:	93(127) @ 2200
Injection:	Direct mechanical
Operation:	4-stroke diesel
Number and arrangement of cylinders:	4, vertical in line
Intake:	Turbo compressor with aftercooler
Displacement (cm <sup>3</sup> ):	4.485
Cooling system:	liquid

**OPTIONALS AND ACCESSORIES**  
A/C; Water Heaters; Seat pneumatic suspension; Work lights on the cab and on the boom; Quick coupling for accessories; Radio; Anti-theft system; Glass protection; LED work lights; Transverse leveling, Boom suspension.  
(For further customizations, contact your local dealer)

**TRANSMISSION**  
Hydrostatic with variable displacement pump.  
Hydraulic engine with continuous automatic adjustment  
Electro - hydraulic reversing actuated even with vehicle in motion  
Servocontrolled 2-speed gearbox.  
Pedal inching control for controlled forward movement

**DEVICES AS PER STANDARD**  
ROPS - FOPS approval, suspension on silent-blocks, soundproofing, front and rear wiper with washer, ventilation and heating, roof and openable rear glass, door with electric window, seat with safety seat belt, radio pre-arrangement, adjustable steering wheel (height and inclination). Instrumentation: charging indicator, tachometer, water temperature gage, fuel level gage, engine water and oil temperature, LCD display, digital speedometer, hour meter, clock.  
Hazardous movements stopping in case of overload, starting only with gear in neutral, running only with driver on board, automatic parking brake with the engine off. Fork block. Rear view mirror

**Only on the following models: 33.11**  
Outriggers with independent hydraulic tipping, outriggers lock with raised boom.

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

HYDRAULIC PLANT	
Gear pump for power steering and services	
Max flow rate (l/1'):	130
Max. operating pressure (bar):	250
Accessories control with hydraulic coupler with quick couplings on boom head	

DIFFERENTIAL AXLES	
Steering axles: 2, with 4 planetary reduction gears	
Type of steering: 4 wheels / transversal / 2 wheels	
Service braking: oil bath on front axle with servo-brake	
Negative action parking brake	

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

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

