



# DIECI



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35.7 **VS**



32.9 **VS**

# AGRI TECH

PERFORMANCE	35.7 VS	32.9 VS
Maximum capacity (kg)	3.500	3.200
Maximum lifting height (m)	7,00	9,00
Maximum horizontal outreach (m)	3,83	6,04
Outreach at maximum height (m)	0,53	1,36
Fork swivelling angle	146°	146°
Pull-out force (daN)	5.400	5.400
Towing force (daN)	8.200	8.200
Maximum climb angle	60%	60%
Total weight empty (kg)	7.800	8.000
Max speed (km/h) *	40	40

\* = referred to wheels with maximum admitted diameter

ENGINE	
Model:	FPT
Rated power kW (hp) @ 2200 rpm	96 (130)
Peak power kW (hp) @ 1900 rpm	105 (141)
Revolutions per minute (rpm):	2200
Operation:	4-stroke diesel
Injection:	Electronic direct, Common Rail
Number and arrangement of cylinders:	4, vertical in line
Engine size (cm³):	4500
Specific consumption - (g/kWh) @ 1900 rpm *	208
Anti-pollution regulation:	Stage 3B / Tier 4i
	Aftercooler turbo compressor
* at maximum power	Liquid cooling system

DIMENSIONS	35.7 VS	32.9 VS
A/A*/A**	390 / 430* / 450**	390 / 430* / 450**
B	1490	1490
C	2800	2800
D	1260	1260
E/E*/E**	4730 / 4765* / 4800**	4730 / 4765* / 4800**
F	5550	5550
G	940	940
H/H*/H**	2500 / 2540* / 2560**	2500 / 2540* / 2560**
I/I*/I**	1820 / 1820* / 1920**	1820 / 1820* / 1920**
L/L*/L**	2400 / 2400* / 2430**	2400 / 2400* / 2430**
M	3940	3940
N	1340	1340
O	3780	3780

Measurements expressed in millimetres (\*) - (\*\*) = Measurements referring to optional wheels

BOOM	35.7 VS	32.9 VS
Times: when empty (in seconds)	Patented compensation system	
Lifting	7,1	7,1
Descending	4,2	4,2
Extension	4,9	6,8
Retraction	2,7	4,7
Forward swivel	2,4	2,4
Backward swivel	1,3	1,3
	Standard additional speed	

HYDRAULIC SYSTEM	
Gear pump with capacity at max. speed (lt/1'):	170
Max operational pressure (bar):	250
Distributor control with joystick:	4 in 1 electro-proportional

**OPTIONALS AND ACCESSORIES**

A/C; Water heaters; Radio with CD player; rear hydraulic socket; Rear height-adjustable hook; Pneumatic brake; Hydraulic brake; Automatic reversible fan; Boom suspension; Agricultural tractor approval; Approved towing hook (Max 20 t); Led light on boom head. LED work lights.

High efficiency filter with cyclones.

DIFFERENTIAL AXLES	
Steering axles: 2, with planetary reduction gears	
Steering types: 4 wheels / transverse / 2 wheels	
Front axle: rigid (levelling upon request)	
Back axle: oscillating	
Oil bath service braking on the 4 wheels and servo brake	
Negative action parking brake	

**TRANSMISSION**

Vario System EVO 2 hydrostatic transmission.

Electro-hydraulic reverse gear control.

Drive Mode: Automotive / Loader / Creeper / Eco.

Electronic inching pedal.

REFUELLING (Litres)	
Hydraulic system (total)	120
Diesel tank	125
AdBlue tank	27

**DEVICES AS PER STANDARD**

Anti-tipping device with hazardous movement block.

Hydraulic socket for any accessories on the boom head.

Approved ROPS-FOPS closed, soundproof cab with heating.

Self-blocking front axle differential (limited slip 45%).

Electric steering control.

Electric window winder.

Hydraulic levelling.

Colour LCD display. Grid Heater.

TOWING CAPACITY (on request)	
Trailer without brakes (t):	6
Inertia braking (t):	9
Mechanical braking (t):	6
Hydraulic/pneumatic braking (t):	20

TYRES	35.7 VS	32.9 VS
Tyres	405/70x24"	405/70x24"
Alternative	17.5LR24"	17.5LR24"
** Alternative	500/70R24"	500/70R24"
** Alternative	500/70x24"	500/70x24"
* Alternative	18R22.5"	18R22.5"
* Alternative	18-22.5"	18-22.5"

