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DIECI



28.7 vs

28.9 vs

30.7 vs

30.9 vs

AGRI FARMER vs
Preliminary

PERFORMANCE	28.7	30.7	28.9	30.9
Maximum capacity (kg)	2.800	3.000	2.800	3.000
Maximum lifting height (m)	6,35	6,35	8,70	8,70
Maximum horizontal outreach (m)	3,65	3,65	5,70	5,70
Outreach at maximum height (m)	0,80	0,80	0,80	0,80
Fork swivelling angle	146°	146°	146°	146°
Pull-out force (daN)	5.700	5.700	5.700	5.700
Towing force (daN)	5.500	5.500	5.500	5.500
Maximum climb angle	40%	40%	40%	40%
Total weight when empty (kg)	6.100	6.100	6.250	6.250
Max speed (km/h) *	35	35	35	35

* = referred to wheels having the maximum allowable diameter

BOOM	28.7	30.7	28.9	30.9
Times (in seconds)				
Lifting	7,4	7,4	9,0	9,0
Descending	3,9	3,9	4,7	4,7
Extension	5,7	5,7	5,2	5,2
Retraction	3,2	3,2	2,9	2,9
Forward swivel	3,2	3,2	3,2	3,2
Backward swivel	2,1	2,1	1,7	1,7

Patented compensation system

ENGINE	
Model:	Kubota
Maximum power kW (hp):	74.5 (101)
Revolutions per minute (rpm):	2600
Operation:	4-stroke diesel
Injection:	Electronic direct, Common Rail
Number and arrangement of cylinders:	4, vertical in line
Displacement (cm³):	3769
Specific consumption at 2600 rpm (g/kWh):	231
After-treatment exhaust gas system	DPF (Stage 3B / Tier 4i)
	Turbo compressor
	Liquid cooling system

OPTIONALS AND ACCESSORIES
 A/C, Digital speedometer, Water heaters, Pneumatic suspension seat, Headlight on boom head, Quick coupling for accessories, Radio, Anti-theft system, Window protection.
 (For additional customizations, contact the local dealer)

TRANSMISSION
 Hydrostatic transmission with electronically-controlled variable displacement pump Vario System continuously variable hydrostatic motor
 Electronic inching pedal
Power-Efficiency Control System
 Electronic control of the machine functions to optimise fuel consumption without compromising performance

STANDARD DEVICES
 Anti-tipping device with pejerorative 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%).
 Self-cleaning filter with cyclone filters.
 Electric window winder.
 LCD display.

TOWING CAPACITY (on request)
 Trailer without brakes (t): 6
 Inertia braking (t): 6
 Mechanical braking (t): 6
 Hydraulic/pneumatic braking (t): 17
 Includes 20" wheels

TYRES	28.7	30.7	30.9
Tyres	405/70x20"	405/70x20"	405/70x20"
(*) Alternative	405/70x24"	405/70x24"	405/70x24"

HYDRAULIC SYSTEM
 Gear pump with max speed capacity (lt/1'): 115
 Max operating pressure (bar): 230
 Distributor control with joystick: 4 in 1 electro-proportional

DIFFERENTIAL AXLES
 Steering axles: 2, with planetary reduction gears
 Steering types: 4-wheel / transversal / 2-wheel
 Front axle: rigid
 Rear axle: oscillating
 Oil bath service braking on the front axle with servo-brake
 Negative action parking brake.
For machines with "Tractor" approval:
 Service brake in oil bath on the 4 wheel with a double hydraulic system and servo-brake

REFUELLING (Litres)	
Hydraulic system (total)	110
Diesel tank	100

DIMENSIONS	28.7	30.7	28.9	30.9
A/A*	400/440*	400/440*	400/440*	400/440*
B	1315	1315	1232	1232
C	2800	2800	2800	2800
D	650	650	743	743
E/E*	3990/4040*	3990/4040*	4087/4137*	4087/4137*
F	4765	4765	4775	4775
G	940	940	940	940
H/H*	2040/2080*	2220/2260*	2040/2080*	2220/2260*
I	1600	1600	1600	1600
L	2000	2000	2000	2000
M	4900	4900	4900	4900
N	1670	1670	1670	1670
O	4000	4000	4000	4000

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

