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Dieci S.r.l. - Via E. Majorana, 2-4 - Montecchio Emilia (RE) ITALY  
Tel. +39 0522 869611 - Fax +39 0522 869798 - E-mail: [info@dieci.com](mailto:info@dieci.com)

**DIECI**



**AGRI STAR**



37.7



37.8



38.10

PERFORMANCE	37.7	37.8	38.10
Maximum capacity (kg)	3.700	3.700	3.800
Maximum lifting height (m)	7,35	7,80	9,75
Maximum horizontal outreach (m)	4,00	4,45	6,45
Outreach at maximum height (m)	0,20	0,35	0,84
Fork swivelling angle	146°	146°	146°
Pull-out force (daN)	5.700	5.700	5.700
Towing force (daN)	7.300	7.300	7.300
Maximum climb angle	40%	40%	40%
Total weight when empty (kg)	7.100	7.400	7.900
Max speed (km/h) *	40	40	40

\* = referred to wheels having the maximum allowable diameter

BOOM	37.7	37.8	38.10
Times (when empty/in seconds)			
Lifting	7,3	7,2	8,7
Descending	3,8	3,7	5,0
Extension	5,2	5,5	7,6
Retraction	2,9	3,1	4,6
Forward swivel	2,7	2,7	2,7
Backward swivel	1,7	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 (cm³):	3769
Specific consumption at 2600 rpm (g/kWh):	227
Exhaust gas after treatment system	DPF (Stage 3B / Tier 4i)
	Aftercooler turbo compressor
	Liquid cooling system

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

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

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%).
Electric window winder.
LCD Display.
High efficiency cyclone filter.

HYDRAULIC SYSTEM	
Gear pump with max speed capacity (l/l <sup>1</sup> ):	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-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.

REFUELLING (Litres)	
Hydraulic system (total)	140
Diesel tank	160

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

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

DIMENSIONS	37.7	37.8	38.10
A/A*/A**	340/390*/410**	340/390*/410**	340/390*/410**
B	1380	1620	1380
C	2600	2600	2600
D	970	970	970
E/E*/E**	4060/4110*/4130**	4060/4110*/4130**	4060/4110*/4130**
F	4950	4950	4950
G	940	940	940
H/H*/H**	2310/2360*/2380**	2310/2360*/2380**	2310/2360*/2380**
I	1780	1780	1780
L	2290	2290	2290
M	3700	4050	3700
N	950	950	950
O	3450	3450	3450

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

