



yellow power

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HERCULES



100.10

120.10

160.10

210.10

- 1 Cab interior overview: 100.10
- 2 Cab interior overview: 120.10, 160.10, 210.10
- 3 Agility, Power and Manoeuvrability
- 4 360° visibility
- 5 Chassis robustness
- 6 High capacity axes
- 7 Heavy loads



PERFORMANCE	100.10	120.10	160.10	210.10
Maximum capacity (kg)	10,000	12,000	16,000	21,000
Maximum lifting height (m)	9.30	9.40	10.20	10.20
Maximum horizontal outreach (m)	5.15	4.90	5.15	5.10
Outreach at maximum height (m)	0.60	0.60	0.30	0.20
Fork swivelling angle	144°	120°	120°	120°
Push force (daN)	9,700	11,800	16,200	18,900
Towing force (daN)	11,000	12,300	13,000	21,000
Gradability	39%	39%	35%	35%
Total weight empty (kg)	16,000	17,400	23,700	27,400
Max speed (km/h)	35	28	25	25*
Leveling	8°/4°	-	-	-

BOOM	100.10	120.10	160.10	210.10
Times empty / with a regenerative valve to assist:				
Lifting	16.5	16.9	20.0/9.8*	25.2/12.6*
Descent	13.2	15.2	20.5	23.5
Extension	13.2	9.3	14.4	14.4
Retraction	8.3	5.6	8.7	8.7
Forward swivelling	5.3	5.6	5.6	8.1
Reverse swivelling	4.0	4.3	4.3	5.3

ENGINE	100.10	120.10	160.10 / 210.10
Model	Iveco FPT	Perkins	Perkins
Maximum power kW (hp)	100 (136)	140 (190)	140 (190)
Rated power kW (hp)	125 (170)	-	-
Peak power kW (hp)	129 (175)	-	-
Revolutions per minute (rpm)	2200	2200	2200
Operations	4 stroke diesel	Common-Rail	Common-Rail
Injection	Common-Rail	Common-Rail	Common-Rail
Aftertreatment regulator	Stage 3/4/5/6/8/10	Stage 3A	Stage 3A
Number and arrangement of cylinders	4, in-line	4, in-line	6, in-line
Engine size (cm³)	4485	4399	6598
Specific consumption (g/kWh)	208-1900	230-2200	230-2200
Electronic throttle accelerator	-	Electronic Turbo compressor	-
Air pre-heater for cold climates	-	Liquid cooling system	-

HYDRAULIC PLANT	100.10	120.10	160.10 / 210.10
Gear Pump ① (l/min)	-	53-200	53-200
Variable delivery pump (Load Sensing) ② (l/min)	160-300	160-300	170-350
Control valve with joystick	4 in 1	4 in 1	4 in 1
Simultaneous movements	3	3	3
Proportional control distributor "Load Sensing" with "Flow Sharing"	-	-	-

STANDARD DEVICES	100.10	120.10	160.10 / 210.10
Anti-tipping device with pre-jerative movement block	-	-	-
Hydraulic lockout for any accessory on the boom head with drainage	-	-	-
Soundproof closed cab, ROPS-FOPS approved, with heater	-	-	-
High-efficiency, self-cleaning air filter with cyclone filter	-	-	-

REFUELLING	100.10	120.10	160.10	210.10
Oil tank (lit)	245	300	300	-
Fuel tank (lit)	207	270	280	-
Air Flow Tank	30	-	-	-

TYRES	100.10	120.10	160.10	210.10
Tyres	17.5 R24"	17.5 R24"	18.00 R24"	23.5 R24"
Alternative	-	-	16.00 R25"	-

DIMENSIONS	100.10	120.10	160.10	210.10
A/A*	490	540 / 460*	530	530
B	1270	1300	1300	1300
C	3300	3350	3700	3750
D	1480	1515	1570	1630
E/E*	3440	3555 / 2630*	4185	4185
F	4050	4170	4590	4700
G	980	980	980	980
H/H*	2890	2870 / 2950*	2890	2925
I	1975	1975	2005	2115
L	2420	2400	2500	2715
M	1480	1400	2000	2830
N	4350	4700	5530	5810
O	4580	4850	5790	6050

Measurements expressed in millimetres. A*-E*-H* = Measurements referring to optional wheels.

