



<b>ENGINE</b>	Kirloskar 4R 1040T1, EUROII Diesel Engine Gross Power: <b>70.6kW (96HP) at 2200rpm</b> Gross Torque: <b>375Nm@1400 RPM</b> Capacity: <b>4160cc</b>
<b>TRANSMISSION</b>	CARRARO synchroshuttle transmission with integral torque converter Multispeed Power 4 Forward & 4 Reverse gear
<b>STEERING</b>	Power Steering with Working Pressure of 1958 p.s.i (135 Bar) Turning radius of 5700 mm
<b>ELECTRICALS</b>	12 Volts Battery System ( <b>180 Ah</b> )
<b>TYRES</b>	<b>FRONT</b> 2WD - 9.00x16 - 16PR 4WD - 12.5/80x18 - 12PR <b>REAR</b> 2WD - 16.9x28 - 12PR Industrial tyre 4WD - 14.00x25 - 20PR Heavy Duty tyre
<b>SPEED</b>	Forward max <b>40Km/Hr</b> Reverse max <b>9.3 Km/Hr</b>
<b>HYDRAULICS</b>	Smart Technology hydraulics : <b>3335 psi (230 bar)</b> Pump flow: <b>134 LPM@2220 RPM (Gear pump)</b>
<b>WEIGHT</b>	<b>7910 Kgs</b> with Standard GP Bucket options
<b>SERVICE CAPACITIES</b>	Hydraulic Tank 105 Ltr Fuel Tank 130 Ltr Engine Coolant 15 Ltr Engine Oil 10 Ltr Transmission 19 Ltr Rear Axle 17 Ltr
<b>WORLD'S BEST COMPONENTS</b>	Proven Kirloskar Engine Carraro (Italy) Transmission Danfoss Brake (Denmark) Hydraulic system - Hydro Control (Italy) Valve AKG (German) Radiator Cooler Cassapa (Italy) pump Carraro (Italy) Axle

EXCAVATOR PERFORMANCE		60 HP	76 HP		96 HP		100 HP	
			Retraction STD	Telescopic Dipper (option)	Retraction STD	Telescopic Dipper (option)	Retraction STD	Telescopic Dipper (option)
	Standard Bucket Capacity	0.23 cu.m	0.27 cu.m		0.27 cu.m		0.27 cu.m	
A	Maximum DIG depth	3.56 m	4.60 m	5.59 m	4.60 m	5.59 m	4.60 m	5.59 m
B	Reach Ground Level to Rear wheel center	6.32 m	6.80 m	7.91 m	6.80 m	7.91 m	6.80 m	7.91 m
C	Reach at Ground level to slew center	5.10 m	5.50 m	6.60 m	5.50 m	6.60 m	5.50 m	6.60 m
D	Reach at full height to slew center	2 m	2.85 m	3.56 m	2.85 m	3.56 m	2.85 m	3.56 m
F	Maximum working height	5.40 m	5.92 m	6.77 m	5.92 m	6.77 m	5.92 m	6.77 m
G	Maximum Load over Height	3.74 m	4.14 m	5.02 m	4.14 m	5.02 m	4.14 m	5.02 m
H	Bucket Rotation power	200°	188°		200°		188°	
	Bucket Tear out force	5610Kgf	6072 Kgf		6072 Kgf		6392 Kgf	
	Dipper Tear out force	2200 Kgf	3150 Kgf		3150 Kgf		3316 Kgf	

LOADER PERFORMANCE		60HP	76HP	96HP	100HP
	Standard 6in1 Bucket Capacity	1 cu.m	1.1cu.m	1.1 cu.m	1.2 cu.m
I	Dump Height	2.96 m	2.96 m	2.96 m	2.96 m
J	Load Over Height	3.39 m	3.39 m	3.39 m	3.39 m
K	Pin Height	3.61 m	3.61 m	3.61 m	3.61 m
L	Pin Forward Reach	0.42 m	0.42 m	0.42 m	0.42 m
M	Reach at Ground	1.47 m	1.47 m	1.47 m	1.47 m
N	Reach at full height	1.28 m	1.28 m	1.28 m	1.28 m
O	Reach at full Height bkt Dumping	0.89 m	0.89 m	0.89 m	0.89 m
P	Below ground level DIG Depth	0.1 m	0.1 m	0.1 m	0.1 m
Q	Roll back at Ground	49°	49°	49°	49°
R	Dump Angle	45°	45°	45°	45°
	Bucket Break-out Force	7178 Kgf	8183 Kgf	8183 Kgf	8793 Kgf
	Loader Arm Break-out Force	4606 Kgf	5251 Kgf	5251 Kgf	5642 Kgf
	Pay Load	1560 Kgf	1800 Kgf	1800 Kgf	2000 Kgf
	Lifting Capacity	3600 Kgf	3600 Kgf	3600 Kgf	3600 Kgf

STATIC DIMENSIONS		60 HP	76 HP	96 HP	100 HP
AA	Over all length	5.85 m	6.04 m	6.04 m	6.04 m
BB	Wheelbase	2.08 m	2.22 m	2.22 m	2.22 m
CC	King post travel	0.99 m	1.03 m	1.03 m	1.03 m
DD	Minimum ground clearance	0.42 m	0.48 m	0.48 m	0.48 m
EE	Slew ground clearance	0.6 m	0.65 m	0.65 m	0.65 m
FF	Height to top of bonnet	1.99 m	1.99 m	1.99 m	1.99 m
GG	height to top of cabin	3.00 m	3.00 m	3.00 m	3.00 m
HH	Over all height	3.46 m	3.71 m	3.71 m	3.71 m
JJ	Track width - rear	1.65 m	1.70 m	1.70 m	1.70 m
KK	Track width - front	1.79 m	1.93 m	1.93 m	1.93 m
LL	Width over bucket	2.2 m	2.35 m	2.35 m	2.35 m
MM	Side reach to center line of machine	4.63 m	6.08 m	6.08 m	6.08 m

## DIMENSIONS

