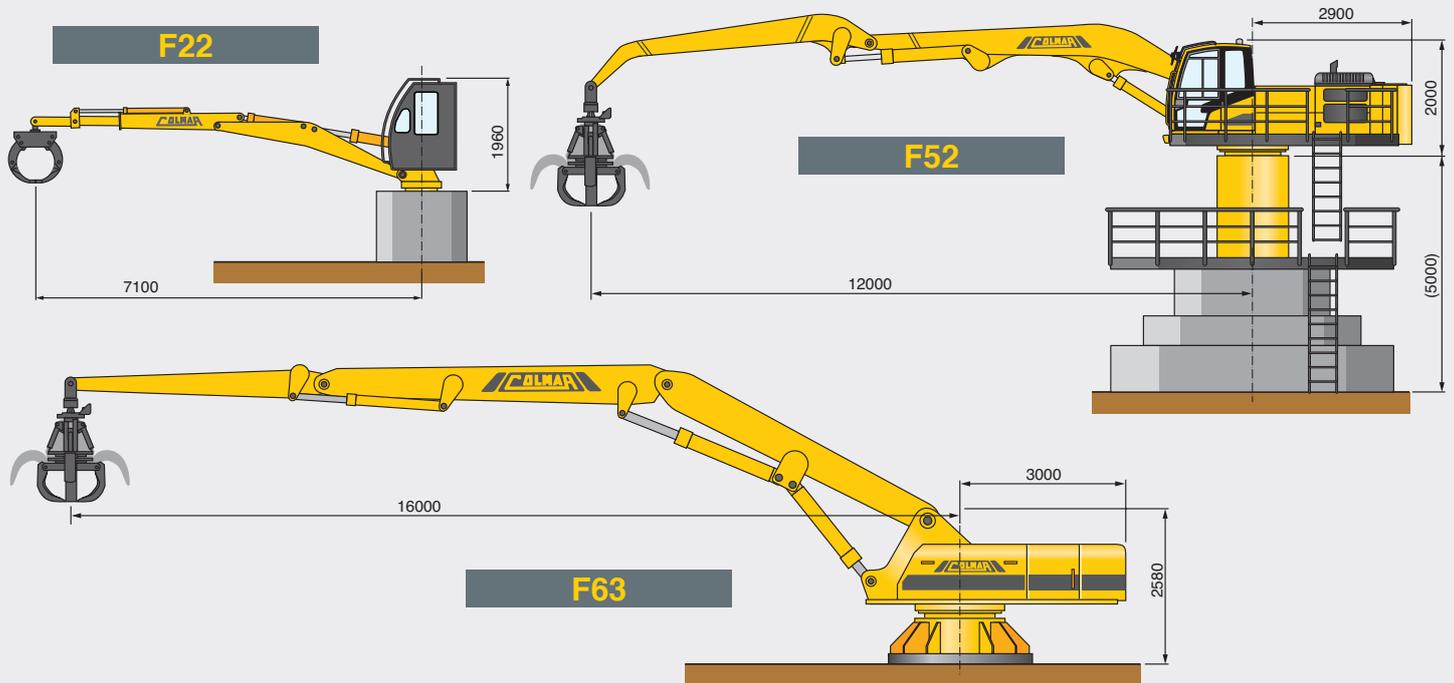


FIXED INDUSTRIAL LOADERS



	F22	F52	F63
Operating characteristics			
Machine weight	2,5 ton (with column h=1,5m)	30 ton (with column h=5m)	31,5 ton (with column h=1m)
Max lifting arm capacity/boom extens.	1950 daN / 7,0 m	3300 daN/12,00 m	5000 daN/16,00 m
Loading boom	telescopic / 7,00 - 7,10 m / 2 elements	fixed / 12,00m / 2 elements	fixed / 16,00 m / 3 elements
Hydraulic unit position	remote installation	included	remote installation
Technical specifications			
Electrical motor / power	37 Kw	55 Kw	90 Kw
Electrical motor / tension	380/440 V	380/440 V	380/440 V
Frequency	50/60 Hz	50/60 Hz	50/60 Hz
Protection	IP 55	IP 55	IP 55
Engine compartment	sound insulated	sound insulated	sound insulated
Servo controls	24 V	24 V	24 V
Hydraulic system valves	1 fixed capacity pump	LFSS (Logic Flow Summation System)	LSR
Working pressure	220 bar	300 bar	280 bar
High pressure circuit	flexible hoses / tubes	flexible hoses / tubes	flexible hoses / tubes
Pipe fittings	JIC	ORFS	ORFS
Oil cooling	air/oil cooler - engine 1,5 kW-220/380V	air/oil cooler - engine 1,5 kW-220/380V	air/oil cooler - engine 1,5 kW-220/380V
Turret rotation	N°1 radial piston hydraulic motor epicyclic reductor	N°2 axial piston hydraulic motors epicyclic reductor - negative brake	N°2 axial piston hydraulic motors epicyclic reductor - negative brake
Brake	integrated braking valves for the Hydraulic motor	integrated braking valves for the Hydraulic motor	integrated braking valves for the Hydraulic motor
Slewing ring	double row crown diam. Ø 640 mm	double row crown diam. Ø 1380 mm	double row crown diam. Ø 1530 mm
Rotation speed	0 - 8 Rpm	0 - 3 Rpm	0 - 5 Rpm
Driver's cab	sound insulated boarderless visibility	sound insulated - 360 degrees visibility front glass cushioned into the roof	control station with panoramic visibility
Seat	anatomically adjustable controls integrated in armrests.	anatomically adjustable controls integrated in armrests.	anatomically adjustable controls integrated in armrests.
Control	hydraulic joysticks, analogic panel.	hydraulic joysticks, analogic panel.	electro-joystick for the allowance of proportional movements. PLC (Programmable Logic Controller) control system/ touch-screen/ net link.
Hydraulic oil tank capacity	150 L	400 L	1000 L

Accessories on request: Remote control / joystick(*), Angled sensors for restricted working zone (*) (* Standard on model 638FE)
 Centralised greasing system with manual pump; Automatic central greasing system; Air conditioner;
 Automatic air conditioner; Radio; Magnetic system; Magnetic plate Ø 1130mm - 1250mm - 1450mm; Grab capacity 1500 L.