

2. Facing centering machine (Model No. : FMC-)

STANDARD FEATURES :

- Hydraulic operated PLC controlled facing centering machine.
- M.S. fabricated stress relieved rigid heavy duty machine base.
- Hardened ground box type guideways for LH & RH side cross axis
- Hardened ground box type guideways for longitudinal machine axis .
- Hydraulic feed cylinder for facing spindle slide unit.
- Infinitely variable hydraulic feed valve for milling.
- Milling spindle unit with oil cooled precision bearing.
- Quill type centering spindle unit with life a long grease precision bearing.
- Hydraulic operated centering spindle unit.
- Infinitely variable hydraulic feed valve for centering spindle.
- AC Spindle drive with electric motor & timing belt.
- Infinitely variable spindle speed controlled by VFD / CNC.
- Hydraulic motor operated self centering vice.
- Auto optd. lubrication system.
- Complete Hydraulic system.
- Complete electric switch gears, PLC, VFD, panel with AC unit
- Complete coolant system, with chip tray.
- Machine cover with manual optd. sliding door.
- Machine instruction manual.

• **Technical specification :**

Specification. :	Unit.	Data.
Machine Power:		
LH milling spindle drive.	KW	3.7
LH centering spindle drive.	KW	2.2
RH milling spindle drive.	KW	3.7
RH centering spindle drive.	KW	2.2
Hydraulic power pack unit.	KW	2.2
Coolant motor.	KW	0.18
Auto lubrication.	KW	0.12
Chip Conveyor	KW	0.25
Total machine power.	KW	14.37
Maximum face milling dia.	MM	Dia 150, Dia 200
Centering quill stroke.	MM	70
Minimum job clamping dia. Maximum job clamping dia.	MM MM	50 210
Minimum job Length. Maximum job length.	MM MM	200 1000,1500,2000, 2500, 3000.
Face Milling cutter size.	MM	dia 200, Dia 250
Max. face milling depth of cut. (For En-8)	MM	3
Minimum center drill size.		A2.5/B2.0
Maximum center drill size.		A6.3/B6.3
Infinitely variable centering spindle speed.	RPM	250 - 850
Approximate machine dimensions: Length X WidthX Height.	MM	3200X2500X1900

Optional Accessories:

- Chip conveyor.
- Auto lubrication unit.
- LM guide for machine longitudinal axis.
- Pneumatic operated auto machine cover.
- Milling cutters set.
- Center inspection gauge.