



ARYA LINEAR-80 SERIES



AL

80 / 200 :30M/Min. Rapid

YANTRANG CNC
AUTOMATION PVT. LTD.



Excellence in Metal Cutting

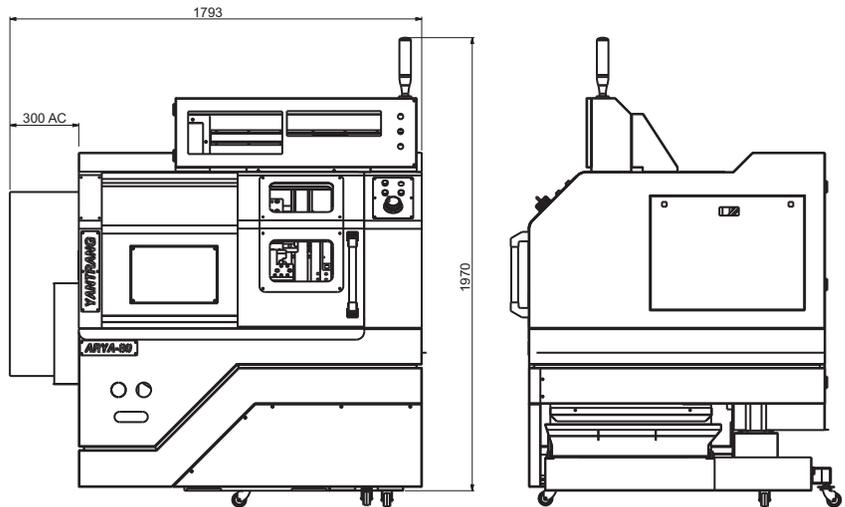
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CNC Turning Center

TECHNICAL SPECIFICATION

CAPACITY	UNIT	80 / 200
SWING OVER BED	MM	300
MAXIMUM TURNING LENGTH	MM	165
STANDARD TURNING DIA.	MM	80
CHUCK SIZE	MM	135
MAX. TURNING DIA.	MM	150
X-AXIS TRAVEL	MM	250
Z-AXIS TRAVEL	MM	180
RAPID TRAVERSE	M/Min.	30
AXIS		
X - Z AXIS LM		25
Z AXIS BALL SCREW (P x D)		25 x 10
MOTOR TORQUE (Z axis)	NM	3.7
X AXIS BALL SCREW (P x D)		25 x 10
MOTOR TORQUE (X axis)	NM	3.7
MAIN SPINDLE		
SPINDLE MOTOR : SIEMENS	KW	5.5 / 3.5
FANUC / MITSUBISHI	KW	5.5 / 3.5
SPINDLE BORE		38
SPINDLE NOSE		A2-4
MAXIMUM BAR CAPACITY		25
SPINDLE SPEED RANGE	RPM	50-4000
FULL POWER SPEED RANGE	RPM	750-3000
TOOL		
MAX. BORING BAR DIA.		32
TOOL SIZE (CROSS SECTION)		20 x 20
OTHERS		
POSITIONING ACCURACY	MM	0.010
REPEATABILITY	MM	0.005
WEIGHT (APPROX)	KG.	1400
SIZE		
LENGTH	MM	1560
WIDTH	MM	1600
HEIGHT	MM	1600

STRUCTURE DIAGRAM



APPLICATION :



NOTE : Specification Subject to Change without Prior Notice.

CONTROL SYSTEM FEATURES :

- Manual Data Input
- 2 Axis Simultaneous
- Part Program Storage and Editing
- Constant Surface Speed Control
- Tool Nose Radius Compensation
- Feed rate override
- Circular Interpolation
- Thread Cutting Cycle
- Direct Drawing Dimensions Programming
- Absolute / Incremental programming
- RS-232 S port serial interface
- Backlash compensation
- Graphic Simulation
- Electronic hand wheel
- Run Hour Display
- LCD Display
- Self Diagnostics
- USB Port

STANDARD FEATURES :

- LM Guideways
- AC Spindle Drive & Servo Drive
- Hydraulic Chuck with Actuating Cylinder
- Hydraulic Unit, Foot Switch, Coolant System
- Centralized Lubrication System
- Electrical Quality Device
- Boring Holder & Axial holder

OPTIONAL :

- Chip Conveyor
- Stabilizer
- Bar Puller
- Bar Feeder
- Hydraulic Turret
- Auto Door

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NH-8B, GONDAL ROAD, OPP. PARIN FURNITURE,
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