

ACRA ASMC-510P/610P SUPER MAXI-P CENTER



DESCRIPTION:

The ACRA ASMC-510P Vertical Machining Center Is An Accurate And Reliable Machine Designed For 3 And 4 Axis Prototype, Mold, Or Production Use. Ballscrews Are Class 3 Double Nut, Anchored And Force Lubricated At Both Ends, Pre-Tensioned And Laser Aligned. Smart Casting Design Of Ribbed Meehanite, Minimal Operator "Lean-In" To Load & Offload. Accuracies Meet Or Exceed JIS With Full Table Load. It Is Housed In A Heavily Ribbed And Oversized Headstock Casting, Virtually Eliminating Thermal Growth And Vibration. Rigid Tap Is Standard. The Tool Changer Is A Carousel Type, Simple And Dependable. This Machine Is Available With FANUC 0M-D Or Mitsubishi 64M Control; Always With Same Source Matched AC Digital Motors And Drives To Ensure The Best Reliability And Performance. Bed Wash And Chip Augers Are Standard.

STANDARD ACCESSORIES:

- Full Enclosed Splash Guard
- X,Y,Z Axes Guide-Way Cover
- Spindle Air Blow
- Coolant System
- Rigid Tapping
- Automatic Lubrication System
- Auto Zero-Point Ret Protect
- Floating Cushion Retractor
- Work Lamp
- Alarm Lamp
- EC Cabinet Heat Exchanger
- Lube/Coolant Separation
- M-Code M81 And M84
- Memory Size-Mitsubishi-600M, Fanuc-120M
- Portable M.P.G.
- Chip Auger
- Auto Power Off-M30
- Tools And Toolbox
- Leveling Bolts And Pad
- Operating Manual And Maintenance Manual
- FANUC OI MATE

OPTIONAL ACCESSORIES:

- Arm Type ATC
- CNC Rotary Table - 4th Axis
- CNC Tilting Rotary Table
- Spindle Oil Cooler
- Touch Probe & Digitizing Software
- Coolant Through Spindle Device
- Automatic Tool Length Measurement
- 10000 or 12000 RPM Spindle & Oil Cooler
- Coolant Through Toolholder Device
- Chain Hinge Type CE Conveyor
- Air Conditioner For Electric Cabinet
- Linear Scale Feedback
- Oil Skimmer
- Machine Vices
- Package Toolings
- Mitsubishi 64MA/64M Controller
- Fanuc 0MD/0MC/18M
- Anilam 6400M/5300M
- Siemen 802D/810D/840D
- Selca S3045/S3045 Plus Controller
- Heidenhain TNC407/410/426/430 Controller
- NUM 1020 Controller
- ECS
- Fabor 8055MC Controller
- Transformer
- Sub Tables
- Raiser Block For Z Axis-160mm (6")
- CE Mark

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SPECIFICATIONS		ASMC-510P	ASMC-610P
TRAVELS	X / Y / Z	20" x 16" x 18"	24" x 16" x 18"
	Spindle To Column	17.7"	17.7"
	Spindle To Table	3.5" - 21.05"	3.5" - 21.05"
BASE & WAYS	Type Base	Meehanite, Ribbed	Meehanite, Ribbed
	Type Ways (ABBA TYPE)	Recirculating Linear	Recirculating Linear
TABLE	Overall Size	25.6" x 15.75"	29.5" x 15.75"
	T Slots (# / W / P)	3 / 0.7" / 4.3"	3 / 0.7" / 4.3"
	Max. Table Load	660 lbs	660 lbs
BALLSCREWS	Type	Class 3, Double Nut	Class 3, Double Nut
	Mounting	Class 5 Bearings, Double Anchor, Forced Lube	Class 5 Bearings, Double Anchor, Forced Lube
	Installation	Pre-tensioned, Laser Aligned	Pre-tensioned, Laser Aligned
SPINDLE	Taper	CT-40 (BT-40 Opt.)	CT-40 (BT-40 Opt.)
	Speed	8,000 RPM (10,000 RPM, 12,000 Opt.)	8,000 RPM (10,000 RPM, 12,000 Opt.)
FEED RATES (W/ Full Table Load)	Rapid X, Y / Z	1,000 IPM / 787 IPM	1,000 IPM / 787 IPM
	Cutting Feedrate	315 IPM	315 IPM
	Accuracies	Laser Certified And Ball Bar Tested	Laser Certified And Ball Bar Tested
	Positioning	± 0.0002"	± 0.0002"
	Repeatability	± 0.0001"	± 0.0001"
AUTOMATIC TOOL CHANGER	No. of Tools	16 STD (20 Opt.)	16 Swing (Arm Opt.)
	Type Tool Changer	Carousel, Bi-Directional (Swing Arm OPT)	Carousel, Bi-Directional (Swing Arm OPT)
	Max Tool Length	10"	10"
	Max Tool Weight	15.4 LBS	15.4 LBS
MOTORS	Spindle Motor	10 HP	10 HP
	Axes	1.3 HP (AC Digital)	1.3 HP (AC Digital)
	Coolant	1.05 HP	1.05 HP
OVERVIEW	Net Weight	7,243 LBS	8,636 LBS
	Footprint	80.2" x 102" x 85"	80.2" x 102" x 85"
	Power	17 KVA	17 KVA
	Air Required	80 PSI	80 PSI

NOTE: The manufacturer reserves the right to modify the design, specifications, & mechanisms to improve the performances of the machines without notice. All specifications above are for your reference only.