



## 1- DMC-050-00 Frame Saw Automated Cutting and Fabrication Center

Frame Saw Machine including the following:

- Cutting capability of 45/45 with overhead Notch for Sill (4° and 5.1°)
- 1 axes on Automatic Gripper adjustment system Z axes.
- 1 axes Feeding gripper Axes.
- 2 Servo grippers for accurate grip
- 2 axis high-speed servo controls for sawblades.
- Carbide saw blades 550 mm diameter.
- Carbide sawblades 250 mm for notch operations.
- Two Lineal Feeding System.
- Single side preload system for 5 pair.
- Machine include punch dies, drills, routers, special drills or dimpling devices.
- Vertical Pneumatic Clamping System.
- Machine with full mechanical guarding around all sides.
- Scrap Evacuation Conveyor System.
- High performance 17" Touch Industrial PC with Windows 7 Embedded operating works needles of fan between 0°C – 55°C.
- User friendly unique interface developed by Murat Machinery Software Department enables to create new programs and edit the existing ones easily by using the .dxf drawings of profiles on the screen.
- All error messages can be monitored from the screen.
- Data transfer is available via network connection or USB interface.
- Two operator's manuals.
- Label Printer (Optional)
- Optimization Software (Optional)
- Electrical schematics, pneumatic schematics, and recommended spare parts list.
- Air pressure: 6-8 bar.
- Air consumption: 120 l/min.
- Supply power is 400VAC 3Ø

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## Technical Information

### 1- DMC-050-00 Frame Saw Automated Cutting and Fabrication Center

<b>Operating voltage</b>	<b>400V, 3ph</b>	<b>220V or 440V, 3ph</b>
<b>Frequency</b>	<b>50 - 60 Hz</b>	<b>60 Hz</b>
<b>Total power</b>	<b>40.2 Hp</b>	<b>30 Kw</b>
<b>Current</b>	<b>43.3 Amp</b>	<b>43.3 Amp</b>
<b>Air pressure</b>	<b>90-120 psi</b>	<b>6-8 Bar</b>
<b>Air consumption</b>	<b>7 CFM</b>	<b>200 Lt/min</b>
<b>Machine length</b>	<b>555.11 inch</b>	<b>14100 mm</b>
<b>Machine width</b>	<b>142.12 inch</b>	<b>3610 mm</b>
<b>Machine height</b>	<b>82.67 inch</b>	<b>2100 mm</b>
<b>Machine weight</b>	<b>10.681 lbs</b>	<b>4845 kg</b>
<b>Spindle Speed</b>	<b>18.000 rpm</b>	<b>18.000 rpm</b>