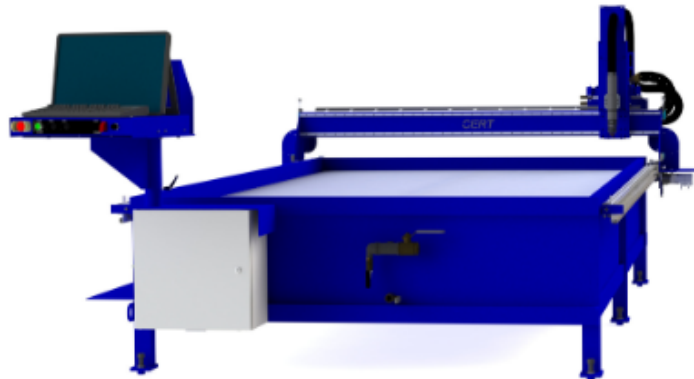




The Cutlass derives its name from the sailor's weapon of choice. This machine is excellent for smaller footprints with a need for higher productions and shares with its naval namesake a robust yet simplistic design. The versatility of this machine is shown through its speed and ability to handle small to large cutting jobs. It shares its unitized welded table, rails, trucks, and beam with the Razor, but shares its drives and CNC with the Tizona. It runs at speeds of 1200 inches per minute\* with 60 mG acceleration for maintaining torch speed through corners. Bosch® motors and drives and 10:1 gearboxes interface to 16 DP helical rack in both X and Y axes for precise, reliable motion. A heavier carriage and lifter assembly on a stronger crossbeam than the Trident support using any Hypertherm® torch or supply, including HPRXD and XPR series systems. Hypertherm® HPRXD and XPR plasma torches and power supplies provide bolt ready TureHole®, rapid cutting, and LongLife® consumables deliver more consistent cut quality over a longer period than other systems on the market reducing the cost per part.

- Arc voltage Height Control
- Integrated Adjustable-Level Water or DowndraftTable
- Initial Height Sense and Tip-up Avoidance
- Bosch Motors and Drives
- Optional Crosshair Laser Pierce Locator
- Class Leading Reliability
- Easy Maintenance and Use

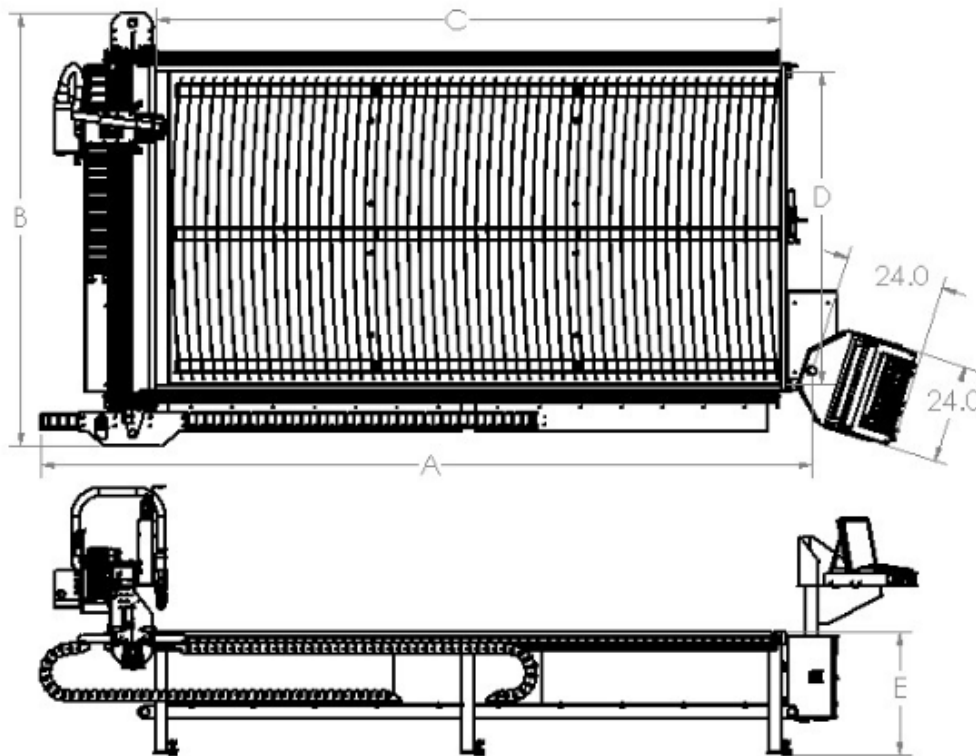


..... **CUTLASS** .....

**Precision with a Purpose**

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- |                 |   |               |   |
|-----------------|---|---------------|---|
| <b>Table</b>    | <ul style="list-style-type: none"> <li>• <u>4X8</u>, <u>5X10</u> or <u>6X12</u></li> <li>• Adjustable-level water or downdraft table</li> <li>• Requires an air extraction system</li> <li>• Water table controls smoke</li> </ul>      | <b>Drives</b> | <ul style="list-style-type: none"> <li>• EtherCAT-linked Bosch Indradrive CS</li> <li>• Bosch MSM 031 series motor</li> <li>• Planetary gearboxes on X, Y, and YY</li> <li>• 3/4" wide, 16 DP helical rack for smooth extended life motion</li> </ul> |
| <b>Torches</b>  | <ul style="list-style-type: none"> <li>• Hypertherm Powermax 45XP through Powermax 125</li> <li>• Hypertherm HPR 130XD through 400XD</li> <li>• Hypertherm XPR300</li> <li>• Pierce up to 3"</li> <li>• Severance up to 3.2"</li> </ul> | <b>Lifter</b> | <ul style="list-style-type: none"> <li>• Bosch MSM 031 series motor with threaded shaft motion</li> <li>• Integrated contact sense and magnetic torch breakaway sense</li> </ul>  |
| <b>Unitized</b> | <ul style="list-style-type: none"> <li>• Provides "unload, plugin and cut" Installation</li> <li>• Allows the machine to be easily moved on site</li> </ul>   | <b>CNC</b>    | <ul style="list-style-type: none"> <li>• Hypertherm EDGE Connect</li> <li>• Hypertherm Phoenix CNC software</li> <li>• 22" Touchscreen display</li> </ul>   |
| <b>Options</b>  | <ul style="list-style-type: none"> <li>• Laser crosshair pierce locator</li> </ul>  |               |   |



Dimensions		4'x8'	5'x10'	6'x12'
Length	A	139.5	163.5	187.5
Width	B	81.1	93.1	105.1
Table Inner Length	C	103.8	127.8	151.8
Table Inner Width	D	52	64	76
Cut Capacity (W x L)		51 x 100	63 x 124	75 x 148
Machine Dimensions (inches unless otherwise noted)				

