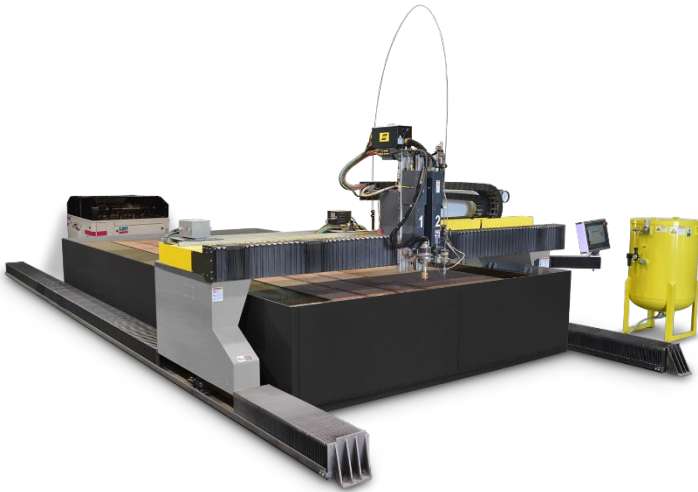# Hydrocut HDX
Waterjet CNC Cutting Machine

Hydrocut HDX Large Gantry Waterjet Machine

The Hydrocut HDX Waterjet Cutting System is a heavy-duty gantry cutting machine. Floor mounted crane rails and a rigid gantry are combined with digital AC drive amplifiers, brushless AC motors, and precision gearboxes. The result is a high-performance multi-process capable machine. The Hydrocut HDX easily combines waterjet with other cutting and marking processes, such as plasma cutting, plasma marking, oxy-fuel cutting, or plate lettering or marking tools.

- ■ Precise cutting with Ultra-High Pressure Waterjet
- ■ Cuts virtually any material with high precision
- ■ Combine the precision of waterjet with the speed of plasma on the same part
- ■ The versatility of waterjet and plasma combination handles a wide variety of metal fabrication needs
- ■ Hydrocut is ideal for large working areas and multiple process tools

Visit **esab.com** for more information.

Industries:

- ■ Steel service centers
- ■ Fabricators
- ■ Manufacturers
- ■ Shipyards
- ■ Boiler & pressure vessels
- ■ Precision fabrication

Hydrocut gives you the precision of waterjet where you need it, and the speed of plasma when you want it.

Hydrocut HDX

Specifications	
Track width	approx. 3,500 - 6,500 mm
Processes	Waterjet, Plasma, Oxy-Fuel, Marking & Lettering
Waterjet cutting thickness	Up to 150 mm
Maximum waterjet cutting tools	4
Plasma cutting thickness	Up to 50 mm depending on plasma system
Maximum plasma torches	2
Oxy-fuel cutting thickness	Up to 150 mm
Maximum oxy-fuel torches	2
Maximum plasma bevel units	1
Maximum positioning speed	24 m/min
Machine parking length	approx 3000 mm, varies with rail length
Overall machine width	5,400 - 7,150 mm including safety system
Overall machine height	2,900 mm /overhead cable chain
Cutting table surface height	866 ± 25 mm
Rail height, floor mounted rails	approx 220 mm from floor to top of rail
Rail height, H-beam mounted rails	approx 500 mm from floor to top of rail

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