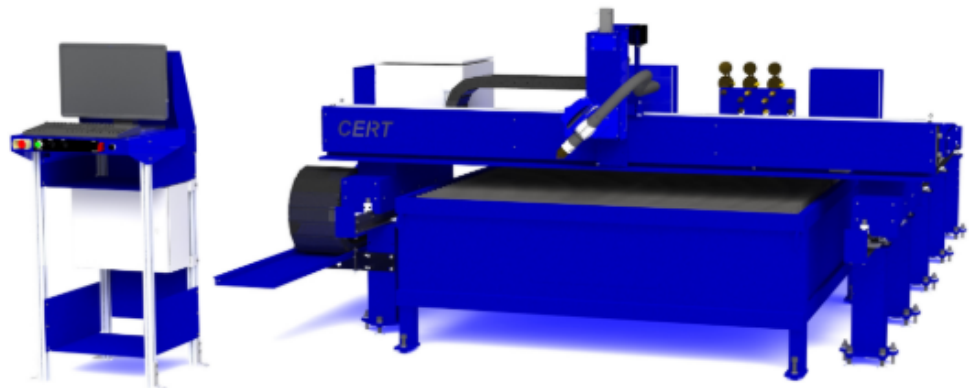




Lobera, meaning wolf slayer, borrows its name from a sword of power and virtue given to one who will do great and swift work. This machine proves itself time and again through its intricacy of cuts and longevity of life while continually performing at the peak of quality and a speed unparalleled by other machines. The Lobera is our most versatile and rugged machine. To handle the larger cut dimensions, greater station count, beveling, and higher accelerations needed for higher-throughput manufacturing, its motors, gearboxes, posts, gantry, deck, and rack are all more robust than the Tizona. Running on T90/B elevator rail, solidly mounted to posts anchored into your concrete floor, it can run at speeds of 3000 inches per minute with 200 mG acceleration for maintaining torch speed through corners. Bosch® motors and drives and Neugart® gearboxes interface to M2 helical rack in both X and Y axes for smooth, extended-wear motion. Fully enclosed track protects cables from splatter and abrasion. Hypertherm® HPRXD and XPR plasma torches and power supplies provide bolt ready TrueHole®, 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.

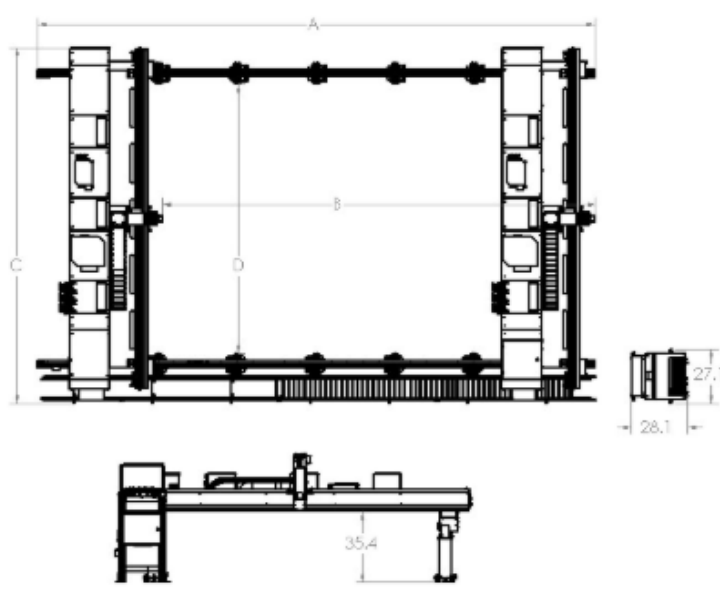
- Mid-rail and Short Trucks for Low Center of Gravity
- Heavy-Duty Covered Deck
- Fixed Pinion Engagement
- Magnetic Torch Break Away
- Crosshair Laser Pointer
- Helical Rack and Pinions
- Bosch Drives and Motors
- Hypertherm CNC
- Optional Low-Rail and Tucked Trucks
- Optional Contour Bevel(shown)



..... **LOBERA**

Precision with a Purpose
.....

- Posts**
 - 6" H-beam construction with 1/2" thick bottom anchor plate spaced on 1 meter centers.
 - Custom post heights available to suit your needs.
- Gantry**
 - Standard mid-rail and short trucks lowers center of gravity
 - Unique hydraulic dampened motor transport system on slave truck allows for fixed pinion engagement reducing pinion wear and vibration while enabling higher accelerations.
 - Large profile extruded aluminum beam improves torsional stiffness and reduces weight compared to steel tube beams
 - Deep heavy-duty deck with cover and component mounting plates protects cabling and provides ease of access
 - 4 to 16 cut widths and cut lengths up to 200 ft
- Torches**
 - Oxyfuel: Victor MT318 machine torch with digital gas and oxygen delivery system adjustable from CNC touchscreen
 - Plasma: Any Hypertherm conventional Powermax, Maxpro200 or Hydef. HPR/XPR system up to 800 amps
- Drives**
 - EtherCat-linked drive and I/O box
 - 1000 watt Bosch servo motors and drives
 - Precision planetary gearboxes on X, Y, and YY
 - 24mm M2 helical rack for smooth extended-life motion
- Lifter**
 - Oxyfuel: 120 VAC gearmotor with ballscrew motion
 - Plasma(straight): 400 watt Bosch servo motor with ballscrew motion, Integrated contact sense and magnetic torch breakaway sense, crosshair laser pointer for quick and accurate plate alignment
 - Plasma(bevel): 400 watt Bosch servo motor with ballscrew motion on Z axis, 100 watt Bosch servo motors on A and B axis, + - 50 degrees of bevel range, Integrated contact sense and magnetic torch breakaway sense, crosshair laser pointer for quick and accurate plate alignment
- CNC**
 - Hypertherm's Edge Connect CNC with fanless embeded industrial PC for feature rich and reliable operation
 - Standard 22" touchscreen and wireless keyboard included
 - Seamless integration with Hypertherm's Pronest software and HPR or XPR plasma systems takes the guesswork out and makes it a breeze to run for even the inexperienced operator



Overall Length	A	Cut length + 62.12
Machine Travel Length	B	Cut length + 10
Overall Width	C	Cut width + 57.8
Inner Width	D	Cut width + 14.4
Machine Travel Width		Cut width + 5
Machine Dimensions (inches unless otherwise noted)		

