






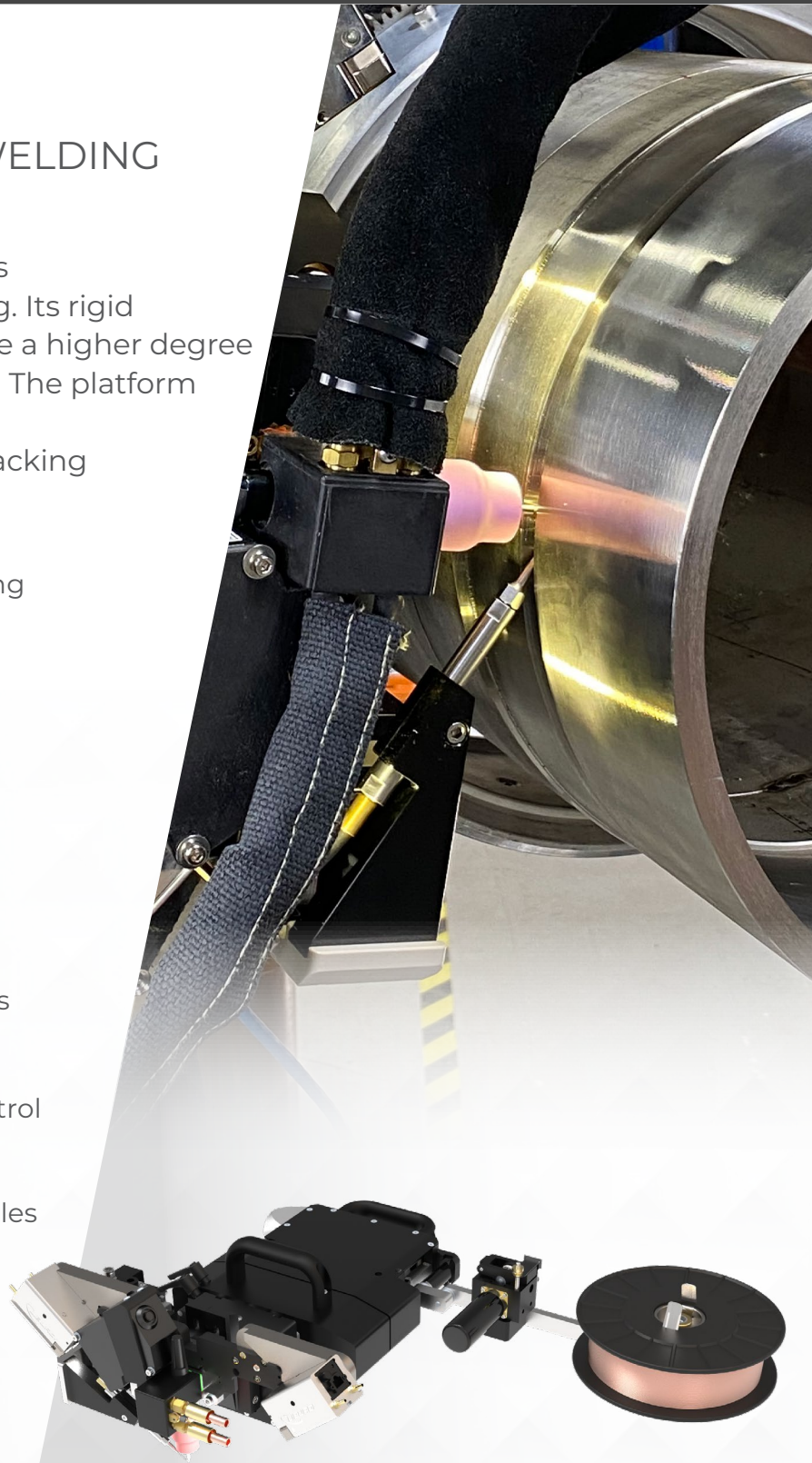


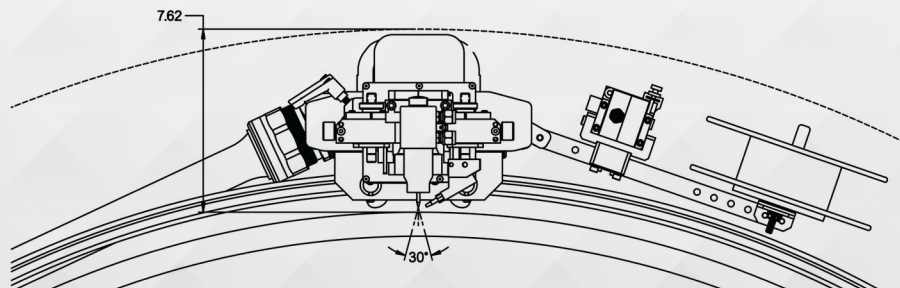
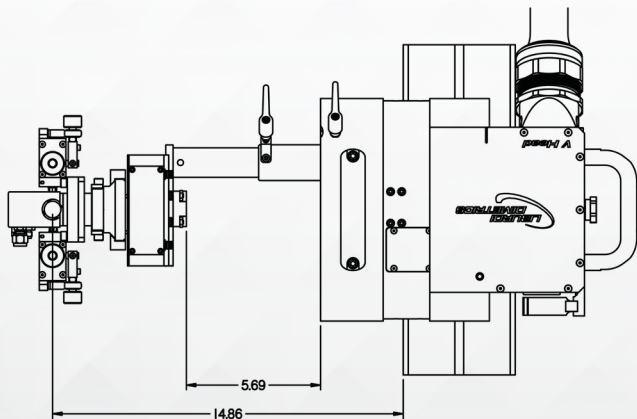
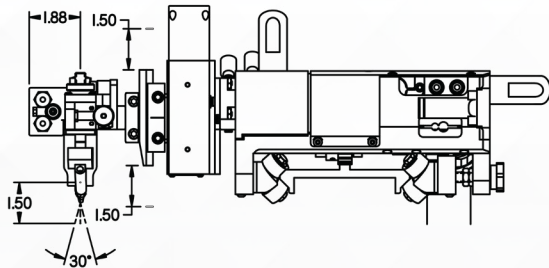
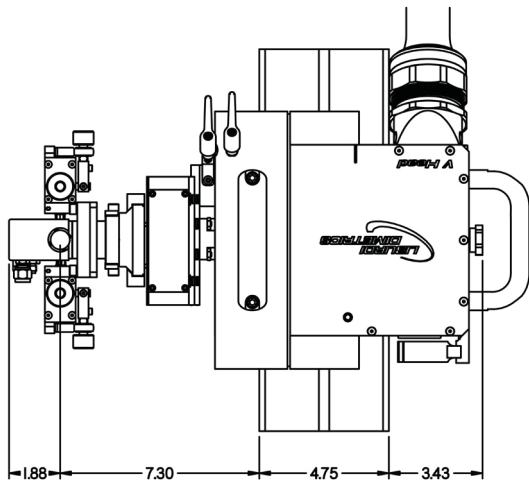
# V HEAD

## DESIGNED FOR ADVANCED WELDING TECHNOLOGIES

At its core, the V Head has all the features necessary for full-function orbital welding. Its rigid construction and precise motion facilitate a higher degree of arc control than conventional systems. The platform enables hands-free, automated welding technologies, including joint tracking and adaptive welding.

-  Hands-off Automatic GTAW Welding
-  Position Feedback on All Axis
-  Commercial off The Shelf Tracks
-  Wide Range of Pipe Sizes
-  Extensive Catalog of Configurations
-  Rigid Design for Precise Torch Control
-  Commercially Available Consumables





### ■ Specifications

- Travel speed: 0 to 20IPM [0.5m/min]
- Arc Voltage Control (AVC) stroke: 1.5" [38mm]
- Manual vertical torch adjustment: 3.5" [89mm]
- Torch oscillation/steering stroke: 1.9" [48mm]
- Telescoping torch extension: 0" to < 6" [152mm]
- Torch tilt, lead/lag: +/-15 degrees
- Torch tilt, in/out: +/- 15 degrees
- Cable Length: 35ft [11m]
- Weight: 35lbs [16kg] (without cable or wire)
- OD welding range: 6" [152mm] to infinity (straight track)
- ID welding range: 28" [711mm] to infinity (straight track)
- Wire size range: 0.030" [0.8mm] to 0.062" [1.6mm]

### ■ Features

- Wire Feeders: 100IPM [2.5m/min] or 400IPM [10m/min], single or dual
- Wire Spools: 4" or 8", single or dual
- Wire Nozzle Adjustment (up/down, left/right): manual or motorized

### ■ Options

- Multiple Front End configurations (conventional, narrow groove, adaptive)
- Hot Wire (requires Gold Track™ with Hot Wire Option)
- Weld Monitoring Cameras
- ID Adapter Kit
- Wire Straightener
- Extension Cables
- In-process NDT