TITAN III
POWERFUL PRODUCTIVITY
Incredible Strength, Flexibility and Performance
THE TITAN III
POWERFUL PRODUCTIVITY
GLOBAL CONTROL PLUS
Easy-to-use, feature rich, operator interface. Our Global Control Plus stands out among the competition. With a compact touch screen you can access the process database which makes every operator an expert. Virtual Service puts applications and service help one push button away. It is Messer’s standard for reliability and high performance.

Y-AXIS BEAM
Heavy-duty linear ways provide smooth and consistent motion for best cut edge quality.

BRUSHLESS DIGITAL DRIVES
Zero maintenance high compliance digital drives provide the smoothest possible cut edge. With no brushes to change, and no required tune-ups, it keeps you cutting.

X-AXIS RAIL AND PINION
SureTrack pitch line gear engagement ensures long pinion and rack life along with smooth precise motion.

See Titan III Video Here
VIDEO CAMERA
The on-board video camera can be used as an alignment tool and to monitor the cutting process. The image is conveniently displayed on the 15” TFT color screen of the Global Control Plus. (Optional)

Y-AXIS DRIVE
Linear ways combined with Messer’s SureTrack pitch line gear engagement to ensure long life and precise motion.

SLAGGER® CUTTING TABLE
The Slagger® automates the removal of slag as well as small parts that may have fallen into the table, by using a pusher blade mechanism. There is no need to clean the table or remove slats as the pusher blade does all the work, typically in minutes. (Optional)

OMNIFLOW AUTOMATIC GAS CONTROL
Operators concentrate on cutting parts, not on costly torch setup and adjustments. Internal database makes novices experts in minutes. Less scrap and setup time, more profit. (Optional)

PLASMA AND ALFA™/ OXY-FUEL TORCHES
The ALFA™ torch provides both internal ignition and height control. The Omniflow automates gas and piercing controls. Precision plasma up to 800 amps. (Optional)

X-AXIS RAIL SYSTEM
Over-sized floor mounted rail provides a rigid foundation for smooth, stable machine motion. Fast, accurate installation is assured with Messer’s exclusive precision leveling and alignment pads.

SURESTOP COLLISION SENSOR
No more expensive torch repairs after a collision. Place torch back in holder for quick, simple re-alignment. Save downtime and money. (Optional)

ELECTRIC DRILL UNIT
Maximum drill diameter is 1/2”. Combined with plasma and oxyfuel cutting allows for more work to be done on the piece part in a single handling. (Optional)

GLOBAL ROTATOR DELTA®
Rotation of +/- 460°. Cut part angles of +/- 45°. Complete with bevel programming software and training. (Optional)
The **Titan III** designed for cutting, drilling and marking in a variety of industries, the Titan III can be configured with high definition plasma or oxy-fuel torches. The Titan II combines Y-axis linear ways with SureTrack pitch line rack and pinion drive to provide smooth cut edges and precise holes. Wider end trucks with maximum guide roller spread stabilizes the X-axis motion for precise cut edge performance.

**SmartLift Technology** optimizes parameters to achieve maximum productivity during cutting. Initial height sense system greatly reduces the retract and initial positioning time of the torch prior to and between cuts. Automatic electrode wear compensation allows complete utilization of electrodes and maintains consistent cut quality throughout the life of the electrode.

The Titan III has incredible strength, flexibility and performance. **That’s powerful productivity!**
## STANDARD AND OPTIONAL FEATURES

### STANDARD FEATURES

- Cutting widths 6’ to 16’
- Cutting lengths up to 150 feet
- Machine motion accuracy; +/- .010” accuracy, .010” repeatability (compensated machine motion in 72”) measured with a laser interferometer
- Cuts material from 26 ga. to 8” thick plate
- Cuts mild steel, stainless steel, aluminum
- Contouring speeds up to 400 ipm
- Positioning speeds up to 1,700 ipm
- Reinforced steel weldment construction with high rigidity beam (less than 0.001” bend and 0.002 degrees of twist)
- Machined mating surfaces and bores (critical tolerances of 0.002” maintained)
- Power track in both axes is standard
- Up to eight torch stations (maximum two plasma stations)
- Up to three torch stations will cover full rated cutting width
- Global Control Plus, Windows® based with easy to use operator interface
- Right or left hand mounted control console with tilt and swivel for operator comfort
- Virtual Service™ remote consultation and diagnostics
- SureStop Collision Sensor with easy and accurate reset
- Advanced oxy-fuel technology provides consistent piercing and faster cutting
- High productivity Smart Lifters on board
- Designed and manufactured in the USA to machine tool and ISO 230-2 standards
- UL available

### OPTIONAL FEATURES

- Precision plasma up to 800 amps
- Delta® Plasma Bevel Unit
- Turbo Flame™ or ALFA™ oxy-fuel torches
- Manual Plasma Stripping Bevel Unit for the X-Axis
- Advanced oxy-fuel technology with Omniflow automated gas regulation system
- Auto torch spacing with programmable torch selection
- Torch ignitor, and automatic height control for oxy-fuel systems
- Beveling of weld prep surfaces; Single and Three Position Oxy-Fuel Bevel Units
- Various plate markers: Plasma, Air Scribe, Pneumatic Punch, Zinc Powder, Ink Jet, and Telesis® Pin Stamp®
- Video Camera
- Laser Pointer
- Global Reporter
- Programming and nesting software
- Electric drilling up to ½”
- Flex Zone tube and structural steel cutting
- Operator glare curtain
- Rotary rail cleaners with gear rack air purge
- Zoned exhaust tables, including self-cleaning Slagger®
- Messer dust collection system
- Exhaust ducting kits
- Material handling systems
- Sentry Service Preventative Maintenance Program

Messer Cutting Systems reserves the right to make changes in equipment or specifications at any time without notice. Windows is a registered trademark of Microsoft Corporation. Slagger is a registered trademark of Missouri Valley Steel, a division of Owen Industries. © 2015 Messer Cutting Systems