STEELMAX® TRACK CUTTING MACHINE

TORCH RUNNER TRACK CUTTING MACHINE

DIGITAL CONTROL PRODUCES ACCURATE HIGH-QUALITY CUTS AND BEVELS

The Steelmax® Torch Runner is a state-of-the-art, digitally controlled track torch which maintains precise and stable travel speeds that produce accurate cuts and bevels with oxy-fuel or plasma. The machine can be used on any standard 6” V-grooved track. Plate cutting and weld preparation can now be done with a high degree of precision. Quality cuts and bevels produced with Torch Runner reduce fit-up and grinding time and lay the foundation for a high quality weld.

The Torch Runner is available in two versions: a standard version for oxy-fuel cutting applications (up to 59 ipm) and a high-speed version for plasma cutting applications (up to 118 ipm).

FEATURES

- 1-3/8” (35 mm) Machine Barrel Torch Holder with precise angle setting up to 45 degrees
- Rigid heat-proof design
- Advanced Speed Control with electronic closed loop feedback for stable speed regulation
- LED Display with readout of actual and preset speed
- Two-wheel drive with braking
- Free wheel clutch system features rapid disengagement of drive mechanism for repositioning
- Interconnecting rails for long cuts and bevels
- Optional gas manifolds for two or three hose torches
- Optional circle cutting attachment
TORCH RUNNER FROM STEELMAX®

Torch Runner Technical Specifications

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<tr>
<td>Power supply</td>
<td>115-230V / 50-60 Hz</td>
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<tr>
<td>Travel Speeds</td>
<td>SM-WC-TR : 0-59 IPM (0-150 CPM)</td>
<td>SM-WC-TR-Plasma: 0-118 IPM (0-292 CPM)</td>
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<td>Dimensions (LxWxH)</td>
<td>16-13/16” (18-5/8”) x 7-7/16” (25-13/16”) x 7-1/16”</td>
<td>427 mm (473) x 189 mm (655) x 180 mm</td>
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<td>Weight</td>
<td>37 lbs (16.8 kg)</td>
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**Standard kit includes:**

SM-WC-TR:
- Torch Runner drive unit
- Power cord
- Counterweight
- Geared Rack 22.8 (580 mm) long
- Machine barrel torch holder with precise angle adjustment for torch barrel diameter of 1-3/8” (35 mm) with 32 pitch gear rack

SM-WC-TR-PLASMA:
- Torch Runner drive unit
- Power cord
- Counterweight
- Geared Rack 22.8 (580 mm) long
- Trigger contact relay for Plasma
- Cable anchor support
- Torch holder with precise bevel angle settings.

*Note: Torch, gas manifold and rail sold separately*
ACCESSORIES:

1. **Track Assembly**
   Track assemblies can interconnect to form various lengths
   Track specification: length 72” (1800 mm), "V" Groove center-line: 6” (152 mm)
   Product Code: SM-TRO-0475-13-00-00-0

2. **Standard Gas Manifolds**
   Standard Gas Manifolds act as strain relief for torch holder and allow for easy connection for gas supply hoses
   2 Hose-Gas Manifold – Product Code: SM-RZD-0475-68-00-00-0
   3 Hose-Gas Manifold – Product Code: SM-RZD-0475-67-00-00-0

3. **Quick Acting Manifolds**
   Quick Acting Manifolds act as strain relief for the torch holder and permit quick on/off of gas supply.
   Quick Action 2 Hose Gas Manifold – Product Code: SM-RZD-0475-40-00-01-0
   Quick Action 3x3 Hose Gas Manifold – Product Code: SM-RZD-0475-43-00-01-0

OPTIONAL ACCESSORIES:

4. **Standard Torch Holder**
   Enables torch attachment and rough angle setting for torch barrel diameters from 1-1/8” to 1-3/8” (28-35 mm).
   Product Code: SM-UCW-0475-28-00-00-0

5. **Torch Holder with Precise Bevel Angle Setting**
   Enables torch attachment with precise angle setting and quick up & down adjustment for torch barrel diameters from 1-1/8” to 1-3/8” (28-35 mm)
   Product Code: SM-UCW-0475-08-00-00-0

6. **Machine Barrel Torch Holder with Precise Bevel Angle Setting**
   Enables machine barrel torch attachment for Machine Barrel Torch with diameter 1-3/8” (35 mm) with 32-pitch gear
   Product Code: SM-UCW-0475-42-00-00-0

7. **Machine Barrel Torch Holder**
   Enables machine barrel torch attachment (quick change of the height and rough angle setting)
   Holder diameter 1-3/8” (35 mm) with 32-pitch gear
   Product Code: SM-UCW-0475-29-00-00-0
8. Sliding Rack Holder
   Sliding rack holder enables various torch holder attachments
   Product Code: SM-UCW-0475-15-00-00-0

9. Circle Cutting Attachment
   Enables circle cutting with radius between 9.5” and 19.5” (240 and 500 mm)
   Product Code: SM-CYR-0475-22-00-00-0

10. Large Counterweight
    Product Code: SM-PWG-0475-10-00-00-0

11. 39” (1000 mm) Geared Rack
    Enables extended reach for the torch holder
    Product Code: SM-RAM-0475-23-00-00-0

12. Cable Anchor
    Anchors power cable and fuel hoses to relieve stress on the torch holder
    Product Code: SM-PDT-0475-34-00-00-0

13. Roller Support
    Stabilizes carriage and provides constant torch standoff
    Product Code: SM-PDT-0475-26-00-00-0