Li’l RUNNER PORTABLE FILLET WELDING CARRIAGE

COMPACT TRACKLESS FILLET WELDING CARRIAGE
WITH 4-WHEEL DRIVE MAGNETIC TRACTION

Increase your production and reduce your welding costs with the Li’l Runner Automatic Fillet Welder. By providing constant, non-stop travel at a regulated speed, Li’l Runner produces consistent high-quality welds in a fraction of the time required by hand welding. The regulated travel speed creates weld bead geometry which is exact to your specifications, reducing costly over welding and decreasing filler metal usage by as much as 60%. Li’l Runner will produce quality welds faster and with less cost than hand welding. At just over 17 lbs (8 Kg), this compact, portable tractor can be carried anywhere.

The Li’l Runner is available in three unique versions: (i) the standard version (up to 40 IPM); (ii) the high-speed version (up to 86 IPM) which can be used for cutting and welding applications; and (iii) the dual-power version (battery powered with a line power adapter). The Li’l Runner family of carriages offer a broad range of capabilities in one of the smallest fillet welders on the market today.

**Standard kit includes:**
- Li’l Runner drive unit (SM-WC-LR)
- Power cord
- Arc control cable
- Guide arm assembly with brass roller wheels

*Also available in high-speed and dual-power battery-operated models.*

Li’l Runner with flex rail for tank fabrication.
Li’l RUNNER FROM STEELMAX®

FEATURES
• Compact, lightweight design with durable cast aluminum housing
• Positive magnetic traction permits out of position use
• Magnetic adhesion on/off lever permits easy set up and adjustment on work piece
• Maintenance-free, 4-wheel planetary gear drive system
• Digital LED display for setting travel speed
• Rapid clamp torch holder mechanism for different types of MIG/MAG torches
• Precise cross-slide torch adjustment
• Integrated automatic arc initiation
• Self-guiding roller arms eliminate the need for track

PRIMARY BENEFITS
• Increased arc time – no starts and stops
• Reduce wasted filler metal – eliminate over welding
• Consistent heat input reduces distortion
• Precise travel speed and torch angle reduces weld defects and costly rework
• Improves work environment – reduces fatigue and repetitive stress – removes operator from heat and fumes

The Li’l Runner is able to run on a vertical piece of steel.

1. Drive unit with control panel
2. Cross slide assembly
3. Guide arm assembly with brass roller wheel
4. Quick release torch holder *(optional accessory)*
5. Power supply socket
6. Arc control cable socket
7. Magnet release lever
OPTIONAL ACCESSORIES:

1. **Dual Torch Mount**
   enables mounting of second torch for double-sided fillet welding
   Product Code: SM-PDT-0466-40-00-00-0

2. **Torch Extension Arm**
   enables extended reach for torch placement
   Product Code: SM-PRD-0466-43-00-00-0

3. **Edge Following Guide Arms**
   enables guiding off an outside edge
   Product Code: SM-PRW-0466-41-00-00-1

4. **Adjustable Guide Arms**
   enables guiding on lap joints and templates
   Product Code: SM-PRW-0466-42-00-00-1

5. **Auxiliary Magnet Blocks**
   provides additional holding power for out-of-position welding with heavy torch loads
   Left – Product Code: SM-BLO-0466-44-01-00-0
   Right – Product Code: SM-BLO-0466-45-01-00-0

6. **Flexible Guide Rail**
   72” long flexible rail for welding on curved surfaces such as storage tanks
   Product Code: SM-PRW-0466-50-01-01-0

7. **Flexible Guide Rail Alignment Tool**
   quickly aligns the flexible guide rail to the appropriate distance from the joint
   Product Code: SM-UST-0466-53-00-00-0

8. **Rail Guide Arms for Li’l Runner**
   (set of 2)
   for use with flexible guide rail
   Product Code: SM-PRW-0466-50-02-00-1

9. **Magnet for Flex Rail**
   used to attach flexible guide rail to curved surfaces.
   10 required per rail section
   Product Code: SM-BLO-0466-50-01-10-0

10. **Quick Connect Torch Holder**
    quick connect/release torch holder
    Product Code: SM-ZRZ-0466-04-01-00-0

11. **Magnet Guide Arms for Li’l Runner**
    (set of 2)
    enables guiding on overhead profiles and permits bi-directional movement
    Product Code: SM-PRW-0466-52-00-00-1

12. **Low Guide Arms for Li’l Runner**
    (set of 2)
    enables guiding on short profiles and edges
    Product Code: SM-PRW-0466-65-00-00-1

13. **High Guide Arms for Li’l Runner**
    (set of 2)
    enables guiding on plates and stiffeners with cut outs and holes
    Product Code: SM-PRW-0466-66-00-00-1
<table>
<thead>
<tr>
<th>Li’l Runner Technical Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Part Number</strong></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td><strong>Power supply</strong></td>
</tr>
<tr>
<td><strong>Welding position</strong></td>
</tr>
<tr>
<td><strong>Minimum material thickness</strong></td>
</tr>
<tr>
<td><strong>Chassis to material clearance</strong></td>
</tr>
<tr>
<td><strong>Travel mechanism</strong></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td><strong>Tracking method</strong></td>
</tr>
<tr>
<td><strong>Pulling power</strong></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td><strong>Cross slide adjustment</strong></td>
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<tr>
<td></td>
</tr>
<tr>
<td><strong>Guide roller adjustment</strong></td>
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<tr>
<td><strong>Control panel:</strong></td>
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<tr>
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<td></td>
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<tr>
<td></td>
</tr>
<tr>
<td><strong>Dimensions</strong></td>
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<tr>
<td><strong>Weight</strong></td>
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</tbody>
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**Li’l Runner DP**  
**Standard kit includes:**  
- Drive unit (SM-WC-LR-DP)  
  *Dual-power, battery-operated Li’l Runner*  
- Battery  
- Charger  
- Arc control cable  
- Guide arm assembly with brass roller wheel

For ordering and customer service, or to request detailed product information or demonstration videos, contact:  
877-833-5629  STEELMAX.COM  sales@Steelmax.com  Fax: 303-690-9172