Charge right through your most challenging projects!

2020 CATALOG
www.Rhino-Cart.com
800.989.5244
The Rhino Cart® Mobile Fixturing Station is a turnkey system for fixturing and clamping in welding and fabrication. Clamp and fixture at any point on the **reversible, flat ground, nitrided (heat treated)** 48" x 30" tabletop for accuracy in all of your setups.

*Be ready to handle any job with the Rhino Cart® package, including: the Rhino Cart® Welding Table + 66 pc. Fixture Kit.*

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**Nitrided and black oxide table plate is **REVERSIBLE**. Weld spatter, rust and scratch resistant.**

Quickly clamp and fixture at any point on the surface. Accurately setup stock for each new project.

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**Locking casters + leveling feet for mobile or stationary use.**

Rhino shelves, racks, and pegboard keep your fixturing tools organized and within easy reach!

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**Tabletop Size:** 48" x 30"

**Tabletop Thickness:** 5/8"

**Tabletop Flatness:** 0.012"/3 feet

**Hole Diameter:** 0.625"

**Grid Pattern:** 2" x 2"

**Table Height:** 36"

**Static Loading Capacity:** 1,500 lb

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<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>Gross Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>TDQ54830-K1</td>
<td>Rhino Cart + 66 pc. Fixture Kit (TDQ54830 + TDK5100)</td>
<td>515 lb</td>
</tr>
<tr>
<td>TDQ54830-TT</td>
<td>Tabletop Only</td>
<td>271 lb</td>
</tr>
<tr>
<td>TDQ54830-TF</td>
<td>Tabletop w/ Frame</td>
<td>324 lb</td>
</tr>
</tbody>
</table>

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Accurately position parts in CNC precision bored 0.625” dia. holes in 2” x 2” spacing pattern.
GUIDELINES FOR MODULAR FIXTURING

* Ball Lock Bolts are ESSENTIAL to Modular Fixturing!

Finger tighten to pre-load, before tightening with hex key.

Three locking steel balls move outward to lock the bolt in position.

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**Stop / Locate / Elevate**

- **A** Ball Lock Bolts
  - Stop and locate parts.

- **B** Right Angle Brackets
  - Stack Right Angle Brackets to elevate and hold round parts.

**Clamp**

- **C** V-Blocks
  - Quick hold-down clamping of flat, square, angled or round parts.

- **D** Inserta Pliers
  - V-Clamp Pads (Reversed view)

- **E** Side Clamps
  - Hold, stop, or locate parts using horizontal clamping force.

**Locate / Stop**

- **F** Stops
  - Stop, locate, and position parts.

- **G** Ball Lock Bolts
  - D-Stop Bars

**Support Round Stock**

- **H** V-Blocks
  - V-Block Spacers

- **J** D-Stop Bars
  - Elevate and hold round parts.
# RHINO CART® PACKAGE - Mobile welding table + 66 pc. fixturing kit.

<table>
<thead>
<tr>
<th>Part No: TDQ54830-K1</th>
<th>Total: 67 pcs</th>
<th>Gross Weight: 515 lb</th>
</tr>
</thead>
</table>

**TDQ54830 x 1**
Welding Table, 48" x 30", 36" height, 5/8" thickness, 0.625" dia. hole, 2" x 2" grid pattern, 1,500 lb static loading capacity, long life **REVERSIBLE** tabletop | 410 lb

## Compatible with ALL components shown

### Clamp
- **UDN5150 x 2**
  - Inserta Clamp, T-Handle
  - 6.5" opening, 3.25" reach, 0.6" x 0.3" (D Rail) | 1.2 lb
- **PTT522K x 2**
  - Inserta Pliers, 2.3" opening, 2" reach | 0.7 lb
- **PTT634K x 2**
  - Inserta Pliers, 4" opening, 3" reach | 0.9 lb
- **TCX5210 x 2**
  - Side Clamp, 1.5" stroke | 0.6 lb
- **T54217 x 2**
  - Magnetic V-Clamp Pad | 0.05 lb

**T50304 x 2**
- Stop / Support
- Right Angle Bracket, 1.6" x 3.6" x 1.18" | 0.5 lb

**T50305 x 2**
- Stop / Support
- Right Angle Bracket, 3.6" x 3.6" x 1.18" | 0.7 lb

**T55055 x 10**
- Locate / Lock
- Ball Lock Bolt, adjustable range: 0.88" ~ 1.08" | 0.14 lb

**T54201 x 2**
- Locate / Lock
- Locating Pin goes into 5/8" holes, 1.3"H, no locking | 0.2 lb

**T54203 x 4**
- Locate
- Stop, Ø1" x 1.5"H | 0.4 lb

**T54205 x 4**
- Locate
- Stop, Ø1" x 2"H | 0.5 lb

**T50737 x 12**
- Spacer
- Magnetic Rest Button, Ø1.5" x 0.45"H | 0.2 lb

**T54216 x 8**
- Locate / Support
- V-Block, 120° angle, Ø1.6" x 0.9" | 0.1 lb

**T54211 x 4**
- Locate / Support
- V-Block Spacer, Ø1.58" x 0.47" | 0.2 lb

### Welding Table, 48" x 30", 36" height, 5/8" thickness, 0.625" dia. hole, 2" x 2" grid pattern, 1,500 lb static loading capacity, long life **REVERSIBLE** tabletop | 410 lb

**Part No: TDQ54830-K1  Total: 67 pcs Gross Weight: 515 lb**
OPTIONAL EXTRA KITS

Increase your clamping and fixturing capabilities, and be ready to handle new projects with these Rhino Cart® Fixturing Kits. See the full selection of BuildPro® products at: www.StrongHandTools.com.

Part No: T55056 | Total: 10 pcs | Gross Weight: 1.5 lb
- T55055 x10
  Ball Lock Bolt, adjustable range: 0.88" ~ 1.08" | 0.14 lb

Part No: TMK500-10 | Total: 6 pcs | Gross Weight: 8 lb
- T51670 x2
  Pivoting T-Post Clamp, Max. 5" capacity 1.8 lb
- PTT934K x2
  Inserta Pliers, 4" opening, 3-3/8" reach 1.6 lb
- T56010 x2
  Mounting Adaptor, extended reach of Inserta Pliers | 0.4 lb
  "U.S. PAT. PENDING"

Part No: TMK500-20 | Total: 4 pcs | Gross Weight: 49 lb
- T50231 x1
  Malleable Cast Iron Clamping Square, left angle, 2" x 6" x 12" | 6.4 lb
- T50230 x1
  Malleable Cast Iron Clamping Square, right angle, 2" x 6" x 12" | 6.4 lb
- T50130 x2
  Riser Block, 4" x 4" x 12" | 17.4 lb

Part No: TMK500-30 | Total: 6 pcs | Gross Weight: 13 lb
- T50310 x2
  Right Angle Bracket, 3.6" x 6" x 1.18" | 1 lb
- T50320 x2
  Right Angle Bracket, 7.6" x 6" x 1.18" | 1.3 lb
- T50330 x2
  Right Angle Bracket, 12" x 6" x 2" | 4.5 lb

Part No: TMK500-05 | Total: 7 pcs | Gross Weight: 10 lb
- AGH230 x1
  Magnetic Grasshopper, 35 lb pull | 1.4 lb
  "U.S. PAT. PENDING"
- MSA46-HD x2
  Adjust-O” Magnet, 90 lb pull | 1.5 lb
  "U.S. PAT. 7,003,489"
- MLD600 x2
  Inside/Outside Magnet, fixed angle, 40 lb pull 1.7 lb
  "U.S. PAT. 10,118,277"
- XPV830 x1
  Adjustable V-Pad Magnet, 58 lb pull | 1.3 lb
- MVDF42 x1
  MagRest V-Pad Kit | 0.7 lb
PLASMA CUTTING TRAY

The Plasma Cutting Tray supports 100 lb, on a 18" x 28" cutting surface with 14 reversible / replaceable steel slats. Generous 1.8" width between cutting slats provides ample space for hold-down clamping. Slats remain secured in place when tray is folded.

Cut, clamp and fixture on one convenient mobile work station at the ideal, uniform working height.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Cutting Area</th>
<th>Holding Capacity</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>TPL3021</td>
<td>18&quot; x 28&quot;</td>
<td>100 lb</td>
<td>33 lb</td>
</tr>
<tr>
<td>TPLK3021</td>
<td>14 Reversible / Replaceable Slats</td>
<td>10 lb</td>
<td></td>
</tr>
</tbody>
</table>

We recommending using BuildPro® Inserta Pliers, to clamp down workpieces on the tray.

Insert the Inserta Pliers into the 5/8" holes on the Rhino Cart® tabletop.
MODULAR BUILDPRO® TUBE & PIPE NOTCHER

Notch tubes and pipes at the accurate angle and length.

The 1st notch in a tube or pipe is easily completed with a drill press. The BuildPro® Tube & Pipe Notcher makes alignment, off-set and length control of the 2nd notch easy to complete accurately. Notch 1”– 2-1/2” OD pipes or square tubes at any angle, or off-set.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>ATN100</td>
<td>1 pc. BuildPro® Tube &amp; Pipe Notcher</td>
<td>20 lb</td>
</tr>
<tr>
<td></td>
<td>2 pcs. Aluminum V-Blocks for tube locating</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1 pc. Clamp with Magnetic V-Pad</td>
<td></td>
</tr>
<tr>
<td>ATNA20</td>
<td>Adaptor for min cutter size: Ø3/4”</td>
<td>0.2 lb</td>
</tr>
</tbody>
</table>

The Adaptor Part No. ATNA20 (sold separately) is compatible with: the annular cutter with 3/4” mounting, minimum cutter size: Ø3/4”.

Use the reference tube to control the notch angle, off-set and length.

REFERENCE TUBE

Center height off-set

Compound Angles

Setup bent stock with the proper support and alignment for compound angle notching.

FORGED VISE

This forged steel 4” Bench Vise features a 360° swivel base, large machined anvil surface, powder coated finish. Made of 90,000 PSI tensile strength forged steel. Swivel base is patterned to bolt directly to table.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Jaw Width</th>
<th>Jaw Opening</th>
<th>Pipe Capacity</th>
<th>Throat Depth</th>
<th>Clamping Force</th>
<th>Handle Dia.</th>
<th>Handle Length</th>
<th>Max Torque</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>TXVS-4-K</td>
<td>4”</td>
<td>5”</td>
<td>0.5”– 2”</td>
<td>2.9”</td>
<td>5,000 lb</td>
<td>0.435”</td>
<td>7.125”</td>
<td>118 ft/lb</td>
<td>22 lb</td>
</tr>
</tbody>
</table>
The Rhino Cart® Tabletop is COMPATIBLE WITH all BuildPro® Clamps, Components, and Modular Fixturing Kits.

[The exceptions are: Sliding Channel Clamps and Sliding Channel Bases]

Increase your fixturing options and capabilities by using the BuildPro® Fixturing Elements.

* All product, product specifications and data are subject to change without notice to improve reliability, function, design or otherwise. Please check online for updated information and details. Strong Hand Tools is not responsible for typographical or printers' errors.