Charge right through your most challenging projects!

Table + Fixture Kit
ALL-IN-ONE
Mobility & Storage

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.

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.

Locking casters + leveling feet for mobile or stationary use.

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

(Kit content may differ from image.)

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

<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</td>
<td>515 lb</td>
</tr>
<tr>
<td></td>
<td>(TDQ54830 + TDK5100)</td>
<td></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>

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.

Stop / Locate / Elevate

- **A** Ball Lock Bolts
- **B** Right Angle Brackets

Stop and locate parts. Stack Right Angle Brackets to elevate and hold round parts.

Clamp

- **C** V-Blocks
- **D** Inserta Clamps
- **E** Side Clamps

Quick hold-down clamping of flat, square, angled or round parts. Hold, stop, or locate parts using horizontal clamping force.

Locate / Stop

- **F** Stops
- **G** Ball Lock Bolts
- **H** V-Blocks

Stop, locate, and position parts.

Support Round Stock

- **J** D-Stop Bars

Elevate and hold round parts.
RHINO CART® MOBILE FIXTURING STATION

RHINO CART® PACKAGE - Mobile welding table + 66 pc. fixturing kit.

Part No: TDQ54830-K1  Total: 67 pcs  Gross Weight: 515 lb

TDQ54830 x1
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

UDN5150 x2
Clamp
Inserta Clamp, T-Handle
6.5" opening, 3.25" reach, 0.6" x 0.3" (D Rail) | 1.2 lb

PTT522K x2
Inserta Pliers, 2.3" opening, 2" reach | 0.7 lb

PTT634K x2
Inserta Pliers, 4" opening, 3" reach | 0.9 lb

TCX5210 x2
Magnetic V-Clamp Pad | 0.05 lb

T54217 x2
Side Clamp, 1.5" stroke | 0.6 lb

T50632-01 x8
Stop / Extend
Aluminum D-Stop Bar, 4.8" x 1" x 0.47" | 0.09 lb

T50304 x2
Stop / Support
Right Angle Bracket, 1.6" x 3.6" x 1.18" | 0.5 lb

T50305 x2
Right Angle Bracket, 3.6" x 3.6" x 1.18" | 0.7 lb

T55055 x10
Locate / Lock
Ball Lock Bolt, adjustable range: 0.88" ~ 1.08" | 0.14 lb

T54201 x2
Locate / Support
Locating Pin goes into 5/8" holes, 1.3"H, no locking | 0.2 lb

T54203 x4
Stop, Ø1" x 1.5"H | 0.4 lb

T54206 x4
Stop, Ø1" x 2"H | 0.5 lb

T50737 x12
Spacer
Magnetic Rest Button, Ø1.5" x 0.45"H | 0.2 lb

T54216 x8
Locate / Support
V-Block, 120° angle, Ø1.6" x 0.9" | 0.1 lb

T54211 x4
Locate / Support
V-Block Spacer, Ø1.58" x 0.47" | 0.2 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.

<table>
<thead>
<tr>
<th>Part No: T55056</th>
<th>Total: 10 pcs</th>
<th>Gross Weight: 1.5 lb</th>
</tr>
</thead>
<tbody>
<tr>
<td>T5055 x10</td>
<td>Ball Lock Bolt, adjustable range: 0.88” ~ 1.08”</td>
<td>0.14 lb</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Part No: TMK500-10</th>
<th>Total: 6 pcs</th>
<th>Gross Weight: 8 lb</th>
</tr>
</thead>
<tbody>
<tr>
<td>T51670 x2</td>
<td>Pivoting T-Post Clamp, Max. 5” capacity</td>
<td>1.8 lb</td>
</tr>
<tr>
<td>TTT934K x2</td>
<td>Inserta Pliers, 4” opening, 3-3/8” reach</td>
<td>1.6 lb</td>
</tr>
<tr>
<td>T56010 x2</td>
<td>Mounting Adaptor, extended reach of Inserta Pliers</td>
<td>0.4 lb</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Part No: TMK500-20</th>
<th>Total: 4 pcs</th>
<th>Gross Weight: 49 lb</th>
</tr>
</thead>
<tbody>
<tr>
<td>T50231 x1</td>
<td>Malleable Cast Iron Clamping Square, left angle, 2” x 6” x 12”</td>
<td>6.4 lb</td>
</tr>
<tr>
<td>T50230 x1</td>
<td>Malleable Cast Iron Clamping Square, right angle, 2” x 6” x 12”</td>
<td>6.4 lb</td>
</tr>
<tr>
<td>T50130 x2</td>
<td>Riser Block, 4” x 4” x 12”</td>
<td>17.4 lb</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Part No: TMK500-30</th>
<th>Total: 6 pcs</th>
<th>Gross Weight: 13 lb</th>
</tr>
</thead>
<tbody>
<tr>
<td>T50310 x2</td>
<td>Right Angle Bracket, 3.6” x 6” x 1.18”</td>
<td>1 lb</td>
</tr>
<tr>
<td>T50320 x2</td>
<td>Right Angle Bracket, 7.6” x 6” x 1.18”</td>
<td>1.3 lb</td>
</tr>
<tr>
<td>T50330 x2</td>
<td>Right Angle Bracket, 12” x 6” x 2”</td>
<td>4.5 lb</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Part No: TMK500-05</th>
<th>Total: 7 pcs</th>
<th>Gross Weight: 10 lb</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGH230 x1</td>
<td>Magnetic Grasshopper, 35 lb pull</td>
<td>1.4 lb</td>
</tr>
<tr>
<td>MSA46-HD x2</td>
<td>Adjust-O Magnet, 90 lb pull</td>
<td>1.5 lb</td>
</tr>
<tr>
<td>MLD600 x2</td>
<td>Inside/Outside Magnet, fixed angle, 40 lb pull</td>
<td>1.7 lb</td>
</tr>
<tr>
<td>XPV830 x1</td>
<td>Adjustable V-Pad Magnet, 58 lb pull</td>
<td>1.3 lb</td>
</tr>
<tr>
<td>MVDF42 x1</td>
<td>MagRest V-Pad Kit</td>
<td>0.7 lb</td>
</tr>
</tbody>
</table>

*U.S. PAT. PENDING*
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” x 28”</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 recommend 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.

Center height off-set

REFERENCE TUBE

Four Socket Shoulder Screws (Part No. T831610) included.

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>TXV5-4</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.

Contact Us:
800.989.5244
www.stronghandtools.com
sales@stronghandtools.com
Santa Fe Springs, CA 90670 U.S.A.