Flexible Assembly Technology
for hose and cable
Edition IV
Technology for cutting & beyond

20 YEARS OF EXPERTISE
Marken has over 25 years of experience helping you with cutting technology and your equipment needs. Marken specializes in standard and custom cutting and crimping machines for hose, wire, cable and tubing industries. Along with a full line of accessories ranging from payouts to coilers and skivers to test benches, Marken meets all your hose and cable assembly needs.

MARKEN SOLUTIONS
• MANUAL CUTTING
• AUTOMATIC CUTTING
• FEEDING / COILING
• FITTING INSERTION
• CRIMPING
• MARKING
• TESTING
• SERVICE
• CUSTOMIZATION

Dear Customer,

Thank you for the opportunity to help provide a solution for your assembly needs. You are the reason we are able to come to work each day. It is our job to listen, ask the right questions and provide the right products that fit your needs both today and tomorrow. When you are satisfied, then we have done half our job, the other half comes with our support over the life of the product.

Thank you for your trust.

Ken Guddal
President and Owner
Marken Mfg.

STANDARD OR CUSTOMIZED
Marken’s large range of products and technology cover most assembly needs. We continue to develop new and better products to keep up with market demand and to serve you better. When existing products don’t fit your applications, Marken rises to the challenge to custom engineer equipment and systems.

STATE OF THE ART TECHNOLOGY
Marken knows the market and works closely with our customers. This has resulted in the most advanced assembly technology available today. This state of the art automatic cutting technology provides the highest accuracy in length and quality in the cut, with new measuring and control solutions, and patented cutting technology. New PC controlled operation makes the automatic cutting process fully flexible to produce batches, kits and single pieces. And the integrated value added functions allow you to print part numbers, insertion marks, logos, bar codes, and even print and wrap labels during the automatic process. All this will bring your productivity, quality control and process control to a completely new level.
Marken Technology

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Models, numbers, specifications, performances, designs; all subject to change.

ADDITIONAL SERVICES
Consulting
Advanced Instruction
Set up / Installation
Maintenance / Repair
Software Update
System Upgrade
Features/Benefits

**Accurate and repeatable**
- auto adjustment of first piece
- independent measuring system
- smooth feeder options
- accuracy 0.1-0.3% of cut length (exceeds SAE standards)
- CPK of 1.67 or greater

**Reliable, easy to operate and maintain**
- simple touch screen control
- industrial components
- heavy duty construction
- 20 year operation life

**Clean square cuts and long blade life**
- patented blade and cutting technology
- wet cut reduces contamination in cutting process, inside hose and in the facility environment
- wet cut cools the blade for longer blade life

**Fast and easy set up for hose sizes**
- quick change of guide tubes and dies
- self adjusting feed rollers
- self adjusting measuring wheel
Cutting Methods

Weld Cut (WC):
The Weld Cutting method uses the application of electricity, when cutting steel cable, to produce a sealed and contained cut.

Saw (S):
Marken Mfg. has set the world-wide standard for cutting hydraulic hose with the application of our wet cut system, coupled with our specially designed blade.

Hydraulic Cut (H):
The Hydraulic cutting method allows you to cut various sizes and types of materials that require more force, while decreasing the risk of contamination.

Saw Induction (SI):
The Saw/Induction method works especially well when cutting PTFE hose. This method allows you to eliminate flaring of the material after the cut.

Air Guillotine (A):
Marken’s Air Guillotine cut method works for non-wire hose and small battery cable, allowing for a clean, square cut, with no contamination.

Intensifier (I):
The Intensifier method uses the simplicity of pneumatics to shear cut small diameter steel cable, up to 3/16”
Marken Touch Screen Controller

Touch Screen easy operation
- Auto adjustment of first piece
- Single piece or batch cutting
- Error free measuring and cutting
- Automatic adjustment ensures accuracy regardless of feed speed
- Operation Instructions and Trouble Shooting Diagnostics at your fingertips
- Password protected screens

Optional PC Controlled Operation

Organize Products
- Sort by hose type or size

Remote Network Control

Multiple User Levels

Kit Manufacturing
- Import/export with Excel
- Database options include: SQL, Access

Additional Advantages of Touch Screen and PC Control
Optional Touch Screen memory stores up to 200 part numbers. PC Control part number memory is unlimited. Automatic adjustment ensures accuracy regardless of speed. Screens are password protected. Currently available in: English, Spanish, Italian, French, German and more with custom solutions.
Automated multiple kit production
Marken has developed state of the art, fully flexible solutions for the manufacturing of single pieces, kits and batches.

Marken PC Control allows you to:

- **Receive** and **Enter Orders** manually or electronically
- **Sort** the **Production Runs** by customer, kit, hose size/type
- **Combine** different kit/batch **Orders** enabling you to **Maximize Runs** and **Increase Productivity**
- **Larger** runs **Minimize** the need for **Tooling Changes**
- **Yields** individual products/pieces **Automatically**!

Integrated flexible marking
Marken technology integrates **Inkjet Printing** and labeling options into the cutting process.
- Part number, name, date
- Barcodes, lay lines, logos
- Depth marking, clamp marking

Adhesive label application
- Print, Wrap, Locate

History information
- Full runs and orders
- Individual hoses
Industry Leaders

Marken automatic cutting solutions, automatic cutters, feeders/racks and coilers give you the tools to run a modern, organized assembly operation with high productivity.

The other way...

Batches to kits

Hose assembly suppliers work with OEM equipment manufacturers with differing requirements. Some manufacturers build large volumes of standard machines, yet others require short delivery times with extreme flexibility. This creates new challenges for a hose assembly supplier.

Fully manual hose assembly factory

Automatic batch production

Mixed batch / kit production

Manual kit production

High

Low

workers output

x8
Modern Marken Solution for flexible hose assembly

Marken line for volume batch production

Flexible Marken technology yields:

**Increased Productivity**
- Low defect cells
- Single piece flow production cell
- Labor reducing cell

**Increased Safety**
- “Pain Reduction” production equipment

**Increased Efficiency**
- Integrated systems
- High precision production
- Premium line production equipment

**Increased Profitability**
- Cost saving automation
- Rapid payback investment

Marken flexible assembly factory

Streamlined volume line and traditional manual assembly cell
Payouts, Feeders and Coilers

**763 REEL PAYOUT**

<table>
<thead>
<tr>
<th>Manual</th>
<th>Wire</th>
<th>Steel Cable</th>
<th>Hose</th>
</tr>
</thead>
<tbody>
<tr>
<td>Application</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Max.Weight</td>
<td>2000 lbs</td>
<td>&quot;</td>
<td>&quot;</td>
</tr>
<tr>
<td>Width</td>
<td>no limit</td>
<td>&quot;</td>
<td>&quot;</td>
</tr>
<tr>
<td>Dimensions: 25&quot; x 7&quot; x 2.5&quot;</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**764 REEL PAYOUT**

<table>
<thead>
<tr>
<th>Manual</th>
<th>Wire</th>
<th>Steel Cable</th>
<th>Hose</th>
</tr>
</thead>
<tbody>
<tr>
<td>Application</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Max.Weight</td>
<td>1000 lbs</td>
<td>&quot;</td>
<td>&quot;</td>
</tr>
<tr>
<td>Width</td>
<td>up to 36&quot;</td>
<td>&quot;</td>
<td>&quot;</td>
</tr>
<tr>
<td>Dimensions: 25&quot; x 15-45&quot; x 2.5&quot; 30-50 lbs</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**MPL48 MOTORIZED PAYOUT**

Automated | Wire | Steel Cable | Hose |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Application</td>
<td>X</td>
<td>&quot;</td>
<td>&quot;</td>
</tr>
<tr>
<td>Max.Weight</td>
<td>300 lbs</td>
<td>&quot;</td>
<td>&quot;</td>
</tr>
<tr>
<td>Width</td>
<td>up to 48&quot;</td>
<td>&quot;</td>
<td>&quot;</td>
</tr>
<tr>
<td>Dimensions: 96&quot; x 50&quot; x 60&quot; 250 lbs 110/230v 1ph 50/60 Hz</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**PL48 DISPENSING PAYOUT**

<table>
<thead>
<tr>
<th>Manual</th>
<th>Wire</th>
<th>Steel Cable</th>
<th>Hose</th>
</tr>
</thead>
<tbody>
<tr>
<td>Application</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Max.Weight</td>
<td>&quot;350 lbs&quot;</td>
<td>&quot;</td>
<td>&quot;</td>
</tr>
<tr>
<td>Width</td>
<td>&quot;up to 48&quot;</td>
<td>&quot;</td>
<td>&quot;</td>
</tr>
<tr>
<td>Dimensions: 50&quot; x 50&quot; x 55&quot; 125 lbs</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**MPL48 1000 PAYOUT**

Automated | Wire | Steel Cable | Hose |
<table>
<thead>
<tr>
<th></th>
<th></th>
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<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Application</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Max.Weight</td>
<td>7000 lbs</td>
<td>&quot;</td>
<td>&quot;</td>
</tr>
<tr>
<td>Width</td>
<td>up to 8 ft.</td>
<td>&quot;</td>
<td>&quot;</td>
</tr>
<tr>
<td>Dimensions: 96&quot; x 50&quot; x 60&quot; 250 lbs 110/230v 1ph 50/60 Hz</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**LLMPL48 PAYOUT**

<table>
<thead>
<tr>
<th>Automated</th>
<th>Wire</th>
<th>Steel Cable</th>
<th>Hose</th>
</tr>
</thead>
<tbody>
<tr>
<td>Application</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Max.Weight</td>
<td>300 lbs*</td>
<td>&quot;</td>
<td>&quot;</td>
</tr>
<tr>
<td>Width</td>
<td>up to 48&quot;</td>
<td>&quot;</td>
<td>&quot;</td>
</tr>
<tr>
<td>Dimensions: 96&quot; x 50&quot; x 60&quot; 250 lbs 110/230v 1ph 50/60 Hz</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**MODEL 800 DEREELER**

<table>
<thead>
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<th>Automated</th>
<th>Wire</th>
<th>Steel Cable</th>
<th>Hose</th>
</tr>
</thead>
<tbody>
<tr>
<td>Application</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Max.Weight</td>
<td>7000 lbs</td>
<td>&quot;</td>
<td>&quot;</td>
</tr>
<tr>
<td>Width</td>
<td>up to 8 ft.</td>
<td>&quot;</td>
<td>&quot;</td>
</tr>
<tr>
<td>Dimensions: 208/480v 3ph 50/60Hz 120&quot; x 60&quot; x 72&quot; 2000 lbs</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*larger available on request
Payouts, Feeders and Coilers

**670HD COILER w/Measuring Device**

![Image of 670HD COILER w/Measuring Device]

**P200 MOTORIZED FEED**

Payout for spools & reels of wire. Single or dual feed locations.

![Image of P200 MOTORIZED FEED]

**SR SERIES RACKS**

Configurable in groups of 6 places

![Image of SR SERIES RACKS]

**PRODUCTION RACK**

![Image of PRODUCTION RACK]

**PL48 x 4**

Rotating Coil Rack

![Image of PL48 x 4]

**RACK Wire Steel Cable Hose**

<table>
<thead>
<tr>
<th>Automated</th>
<th>Wire</th>
<th>Steel Cable</th>
<th>Hose</th>
</tr>
</thead>
<tbody>
<tr>
<td>Application</td>
<td>x</td>
<td>x</td>
<td>x</td>
</tr>
<tr>
<td>Max.Weight</td>
<td>250 lbs</td>
<td>&quot;</td>
<td>&quot;</td>
</tr>
<tr>
<td>Reel capacity</td>
<td>24”x 36”</td>
<td>&quot;</td>
<td>&quot;</td>
</tr>
<tr>
<td>Mechanical counter up to 1.5” O.D.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Automated Wire SPOOL Wire REEL**

<table>
<thead>
<tr>
<th>Feed rate</th>
<th>up to 500 fpm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max.Weight</td>
<td>50 lbs 250 lbs</td>
</tr>
<tr>
<td>Speed</td>
<td>1/4 hp 1/2 hp</td>
</tr>
<tr>
<td>Automatic feed. Dancer controlled speed. 110/230v 1ph 50/60hz 48” x 28” x 42” 150 lbs</td>
<td></td>
</tr>
</tbody>
</table>

**RACK Wire Steel Cable Hose**

<p>| Automated Wire Steel Cable Hose |</p>
<table>
<thead>
<tr>
<th>Application</th>
<th>Wire</th>
<th>Steel Cable</th>
<th>Hose</th>
</tr>
</thead>
<tbody>
<tr>
<td>Application</td>
<td>x</td>
<td>x</td>
<td>x</td>
</tr>
<tr>
<td>Max.Weight</td>
<td>150 lbs each arm</td>
<td>&quot;</td>
<td>&quot;</td>
</tr>
<tr>
<td>Width</td>
<td>up to 48”</td>
<td>&quot;</td>
<td>&quot;</td>
</tr>
<tr>
<td>80” x 40” x 76” 200 lbs Size varies depending on configuration*</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**RACK Wire Steel Cable Hose**

<table>
<thead>
<tr>
<th>Automated</th>
<th>Wire</th>
<th>Steel Cable</th>
<th>Hose</th>
</tr>
</thead>
<tbody>
<tr>
<td>Application</td>
<td>x</td>
<td>x</td>
<td>x</td>
</tr>
<tr>
<td>Max.Weight</td>
<td>350 lbs each arm</td>
<td>&quot;</td>
<td>&quot;</td>
</tr>
<tr>
<td>Width</td>
<td>up to 48”</td>
<td>&quot;</td>
<td>&quot;</td>
</tr>
<tr>
<td>120” x 120” x 60” 300-400 lbs</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**RACK Wire Steel Cable Hose**

<table>
<thead>
<tr>
<th>Automated</th>
<th>Wire</th>
<th>Steel Cable</th>
<th>Hose</th>
</tr>
</thead>
<tbody>
<tr>
<td>Application</td>
<td>x</td>
<td>x</td>
<td>x</td>
</tr>
<tr>
<td>Max.Weight</td>
<td>150 lbs each arm</td>
<td>&quot;</td>
<td>&quot;</td>
</tr>
<tr>
<td>Width</td>
<td>up to 48”</td>
<td>&quot;</td>
<td>&quot;</td>
</tr>
<tr>
<td>120” x 120” x 60” 300-400 lbs</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* larger available on request

**Automated Wire  SPOOL Wire  REEL**

Feed rate up to 500 fpm

Max.Weight 50 lbs 250 lbs

Speed 1/4 hp 1/2 hp

Automatic feed. Dancer controlled speed.

110/230v 1ph 50/60hz 48” x 28” x 42” 150 lbs

**Automated Wire Steel Cable Hose**

Application x x x

Max.Weight 2250 lbs.

Width up to 36”

120” x 36 -42” x 76” 350 lbs

Size varies depending on configuration*

**Automated Wire Steel Cable Hose**

Application x x x

Max.Weight 150 lbs each arm " "

Width up to 48” " "

80” x 40” x 76” 200 lbs Size varies depending on configuration*
Coilers

AUTO-COIL 30  
(AC30)

AC-30 auto-coiler for in line automatic coiling of hose.  
Best used with the 500S.  page 17

<table>
<thead>
<tr>
<th>Automatic</th>
<th>Wire</th>
<th>Steel Cable</th>
<th>Hose</th>
</tr>
</thead>
<tbody>
<tr>
<td>Application</td>
<td>x</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Max.Weight</td>
<td>100 lbs</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Max.Length</td>
<td>100’</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Air: 80psi</td>
<td>Power 110/230v 1ph 1hp</td>
<td></td>
<td></td>
</tr>
<tr>
<td>28” x 80” x 46”</td>
<td>200 lbs</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Foot pedal pin release</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Interconnects with autosaw for controls.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Max length depends on hose diameter.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Max hose diameter 1”OD</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- Enables one piece flow of coiled products increasing productivity.
- Reduces “touches” by operators in a production cell environment.
- Ergonomic working position eliminates lifting of heavy coils thereby reducing injuries.
- Coiling paddles drop away to allow a coil to be slid off to the assembly station.

AUTO-COIL 50  
(AC50)

AC-50 auto coiler for in line automatic coiling of hose.  
Best used with the 550S. page 19

<table>
<thead>
<tr>
<th>Automatic</th>
<th>Wire</th>
<th>Steel Cable</th>
<th>Hose</th>
</tr>
</thead>
<tbody>
<tr>
<td>Application</td>
<td>x</td>
<td>x</td>
<td>x</td>
</tr>
<tr>
<td>Max.Weight</td>
<td>300 lbs</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Max.Length</td>
<td>100’</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Air: 80psi</td>
<td>Power 110/230v 1ph 1hp</td>
<td></td>
<td></td>
</tr>
<tr>
<td>58” x 36” x 42”</td>
<td>200 lbs</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Foot pedal pin release</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Interconnects with autosaw for controls.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Max length depends on hose diameter.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Max hose diameter 1 1/4” ID</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

670C COILER

<table>
<thead>
<tr>
<th>Automatic</th>
<th>Wire</th>
<th>Steel Cable</th>
<th>Hose</th>
</tr>
</thead>
<tbody>
<tr>
<td>Application</td>
<td>x</td>
<td>x</td>
<td>x</td>
</tr>
<tr>
<td>Width</td>
<td>12”-18” adjustable ID</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Coil Width</td>
<td>10”</td>
<td>x</td>
<td>x</td>
</tr>
<tr>
<td>Max.Weight</td>
<td>150 lbs</td>
<td>x</td>
<td>x</td>
</tr>
<tr>
<td>Adjustable center. Variable speed. Dimensions: 48” x 34” x 60”</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>225 lbs</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## Manual & Semi-Automatic Cutters

### 589S 589L 589XL

<table>
<thead>
<tr>
<th>Model</th>
<th>Hose</th>
<th>Dimensions</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>589 S</td>
<td>3/4&quot;</td>
<td>12&quot; x 8&quot; x 12&quot;</td>
<td>40 lbs</td>
</tr>
<tr>
<td>589 L</td>
<td>1 1/2&quot;</td>
<td>15&quot; x 12&quot; x 20&quot;</td>
<td>60 lbs</td>
</tr>
<tr>
<td>589 XL</td>
<td>3&quot;</td>
<td>16&quot; x 16&quot; x 30&quot;</td>
<td>80 lbs</td>
</tr>
</tbody>
</table>

Air 100psi

We offer many size upgrades to this model.

### 589H 589I

<table>
<thead>
<tr>
<th>Model</th>
<th>Wire</th>
<th>Steel Cable</th>
<th>Copper Wire</th>
<th>Hose</th>
</tr>
</thead>
<tbody>
<tr>
<td>589 H</td>
<td>3/4&quot;</td>
<td>3/8&quot;</td>
<td>2&quot;</td>
<td>4&quot; one wire</td>
</tr>
<tr>
<td>589 I</td>
<td>3/16&quot;</td>
<td>3/16&quot;</td>
<td>4&quot;</td>
<td></td>
</tr>
<tr>
<td></td>
<td>32&quot; x 32&quot; x 72&quot;</td>
<td>225 lbs</td>
<td>Air 100psi</td>
<td></td>
</tr>
</tbody>
</table>

589 H 110/230v 1ph 50/60hz

Measuring trough 36" standard. Other lengths possible. We offer size upgrades to this model.

### M16 MANUAL SAW

<table>
<thead>
<tr>
<th>Model</th>
<th>Hydraulic Hose</th>
<th>Industrial Hose</th>
</tr>
</thead>
<tbody>
<tr>
<td>M16</td>
<td>2&quot; six wire</td>
<td>4&quot;</td>
</tr>
<tr>
<td>M20</td>
<td>3&quot; six wire</td>
<td>6&quot;</td>
</tr>
</tbody>
</table>

Power 10hp/15hp 230/480v 3ph 50/60hz

Hydraulic powered bending unit.

M20 features a moving saw blade. Water cooled. 38" x 34" x 56" 400 lbs

### M20 SEMI-AUTOMATIC SAW

#### Features/Benefits

**Marken Manual Production Saws**
- Wet cut - reduces smoke and contamination
- Ergonomic working position
- Guarded blade

**M20**
- Computer controlled cutting speed
- Digital piece counter
- Two-hand tie down for safety
- Computer controlled blade rotation speed

--

call: 763.577.0111  [www.markenmfg.com](http://www.markenmfg.com)  contact: info@markenmfg.com
M10 EZ-Cut Series

M10 ECO

M10 DC

Inkjet Printing & Labeling

Solutions integrated into cutting process:
Label wrapping  Depth marking

Integrated printing

• Part number, name, date
• Barcodes, lay lines, logos
• Depth marking, clamp marking

Adhesive label application

• Print, Wrap, Locate

Model | Wire | Steel Cable | Hose |
--- | --- | --- | --- |
M10 ECO | 1 1/4” | 4 wire |
M10 DC | 1 1/4” | 4 wire |
27” x 16” x 15” | 80 lbs | 10” blade | Locking blade guard
NO Air required | M10 EZ Cut 5HP 230v Single Phase |
M10DC up to 4HP (depending on connection) | 12V DC

call: 763.577.0111  www.markenmfg.com  contact: info@markenmfg.com
450 Series  Automatic Cutting Machine

**Applicable Materials:**
- NON-WIRE RUBBER HOSE & TUBING
- STEEL CABLE
- COVERED CABLE

**450 A**
*(Air Guillotine)*

<table>
<thead>
<tr>
<th>Application</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Non-Wire Hose</td>
<td>3/4”</td>
</tr>
<tr>
<td>Battery Cable *</td>
<td>3/8”</td>
</tr>
</tbody>
</table>

* Requires special blade configuration

**Air Guillotine (A):**
Marken’s Air Guillotine cut method works for non-wire hose and small battery cable, allowing for a clean, square cut, with no contamination.

**450 I**
*(Intensifier)*

<table>
<thead>
<tr>
<th>Application</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Steel Cable</td>
<td>3/16”</td>
</tr>
</tbody>
</table>

**Intensifier (I):**
The Intensifier method uses the simplicity of pneumatics to shear cut small diameter steel cable, up to 3/16”

**Voltage Options:**
110 / 240 Volts, Single Phase, 100 psi Air

**Dimensions:**
18” long x 24” wide x 13” tall

**Weight:**
125 pounds

**Production Table**

- Rate of feed up to 180 FPM
- Up to 2000 cuts per hour
- Accuracy .1 to .3 percent of length (exceeds SAE standards)
- CPK of 1.67 or greater

**Accessories:**
- Production Table
- Collection Bin
- Payouts Page 9
475 Series Automatic Cutting Machine

**475 A** (Air Guillotine)

<table>
<thead>
<tr>
<th>Application</th>
<th>Size</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Non-Wire Hose</td>
<td>1 1/4”</td>
<td>Marken’s Air Guillotine cut method works for non-wire hose and small battery cable, allowing for a clean, square cut, with no contamination.</td>
</tr>
</tbody>
</table>

**475 S** (Saw)

<table>
<thead>
<tr>
<th>Application</th>
<th>Size</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hose Guard</td>
<td>6” Flat</td>
<td>The 475S is a special design for cutting hose sleeve. With a special blade and clamping system to not only measure and cut sleeve but to also “sear” the end without sealing it closed. This provides a nice clean end with very little fraying and no need to further handle the sleeve prior to assembly.</td>
</tr>
</tbody>
</table>

**Applicable Materials:**
- NON-WIRE RUBBER HOSE & TUBING
- HOSE GUARD
- STEEL CABLE
- PTFE HOSE

**Accessories:**
- Coilers Page 11
- Dispersing Racks Page 10
- Reelers Page 10
- Platters Page 10
- Collection Bin
- Payouts Page 9

**Options:**
- Depth Marking, InkJet Lay Line, Part Number, Logo and or Bar Code Marking
- PC Control/Kit Cutting Technology
- Splice Detection

**Specifications:**
- Rate of feed up to 100 FPM for 475S
- 160 FPM for 475A
- Up to 2000 cuts per hour
- Accuracy .1 to .3 percent of length (exceeds SAE standards)
- CPK of 1.67 or greater

**Voltage Options:**
- 120 / 208 / 230 / 400 / 480 / 600 Volts
  (power requirements vary with machine configuration)
- Single or Three Phase, 100 psi Air

**Dimensions:**
- 36” long x 34” wide x 36” tall

**Weight:**
- 300 pounds

**New copy**
475 Series Automatic Cutting Machine

**475 H** (Hydraulic Cut):

<table>
<thead>
<tr>
<th>Application</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Steel Cable</td>
<td>1/4&quot;</td>
</tr>
<tr>
<td>PTFE Hose</td>
<td>1&quot;</td>
</tr>
<tr>
<td>Battery Cable *</td>
<td>3/4&quot;</td>
</tr>
</tbody>
</table>

* Requires special blade configuration

Hydraulic Cut (H):
The Hydraulic Cutting Method allows you to cut various sizes and types of materials that require more force, while decreasing the risk of contamination.

**475 WC** (Weld Cut):

<table>
<thead>
<tr>
<th>Application</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Steel Cable</td>
<td>1/4&quot;</td>
</tr>
</tbody>
</table>

Weld Cut (WC):
The Weld Cutting method uses the application of electricity, when cutting steel cable, to produce a sealed and contained cut.

**Applicable Materials:**
- NON-WIRE RUBBER HOSE & TUBING
- HOSE GUARD
- STEEL CABLE
- PTFE HOSE

**Options:**
- Depth Marking, InkJet Lay Line, Part Number, Logo and or Bar Code Marking
- PC Control/Kit Cutting Technology
- Splice Detection

**Accessories:**
- Coilers Page 11
- Dispersing Racks Page 10
- Reelers Page 10
- Platters Page 10
- Collection Bin
- Payouts Page 9

**Specifications:**
- Voltage Options: 120 / 208 / 230 / 400 / 480 / 600 Volts (power requirements vary with machine configuration)
- Single or Three Phase, 100 psi Air
- Dimensions: 36" long x 34" wide x 36" tall
- Weight: 300 pounds

**Options:**
- Rate of feed up to 180 FPM
- Up to 2000 cuts per hour
- Accuracy .1 to .3 percent of length (exceeds SAE standards)
- CPK of 1.67 or greater
500 Series Automatic Cutting Machine

**500 A (Air Guillotine)**

- **Application**: Non-Wire Hose
- **Size**: less than 3" OD

Air Guillotine (A):
Marken’s Air Guillotine cut method works for non-wire hose and small battery cable, allowing for a clean, square cut, with no contamination.

**Accessories:**
- Coilers Page 11
- Dispersing Racks Page 10
- Reelers Page 10
- Platters Page 10
- Collection Bin
- Payouts Page 9

**500 S (Saw)**

- **Application**: Non-Wire Hose
- **Size**: 1 1/4"

Saw (S):
Marken Mfg. has set the world-wide standard for cutting hydraulic hose with the application of our wet cut system, coupled with our specially designed blade.

- **Application**: Hydraulic Hose
- **Size**: 3/4" two wire
- **Size**: 1" one wire
- **Size**: 1" flared end

**Options:**
- Depth Marking, Inkjet Lay Line, Part Number, Logo and or Bar Code Marking
- PC Control/Kit Cutting Technology
- Splice Detection
- Guillotine - 500S only

- **Rate of feed up to 150 FPM**
- **Up to 750 cuts per hour**
- **Accuracy .1 to .3 percent of length (exceeds SAE standards)**
- **CPK of 1.67 or greater**

**Applicable Materials:**
- **NON-WIRE RUBBER HOSE & TUBING**
- **HYDRAULIC HOSE**
- **STEEL CABLE**
- **PTFE HOSE**
- **COVERED CABLE**

**Voltage Options:**
- 208 / 230 / 400 / 480 / 600 Volts
- Three Phase, 100 psi Air

**Dimensions:**
- 34" long x 34" wide x 56" tall

**Weight:**
- 1,000 pounds
### 500 Series Automatic Cutting Machine

**500 H**

**Application** | **Size**
---|---
Steel Cable | 5/16"
PTFE Hose | 1" pinched
Battery Cable | 1 1/2"

**Hydraulic (H):**
The Hydraulic Cutting Method allows you to cut various sizes and types of materials that require more force, while decreasing the risk of contamination.

**500 SI**

**Application** | **Size**
---|---
Non-Wire Hose | 1 1/4"
Hydraulic Hose | 3/4" two wire 1" one wire
PTFE Hose | 1" non-flared

**Saw/Induction (SI):**
The Saw/Induction method works especially well when cutting PTFE hose. This method allows you to eliminate flaring of the material after the cut.

**Accessories:**
- Coilers Page 11
- Dispersing Racks Page 10
- Reelers Page 10
- Platters Page 10
- Collection Bin
- Payouts Page 9

**Options:**
- Depth Marking, InkJet Lay Line, Part Number, Logo and or Bar Code Marking
- PC Control/Kit Cutting Technology
- Splice Detection

**Voltage Options:**
- 208 / 230 / 400 / 480 / 600 Volts
- Three Phase, 100 psi Air

**Dimensions:**
- 34" long x 34" wide x 56" tall

**Weight:**
- 1,000 pounds

**Applicable Materials:**
- NON-WIRE RUBBER HOSE & TUBING
- HYDRAULIC HOSE
- STEEL CABLE
- PTFE HOSE
- COVERED CABLE

**PC Control Kit Cutting Technology**
- Rate of feed up to 150 FPM
- Up to 750 cuts per hour
- Accuracy .1 to .3 percent of length (exceeds SAE standards)
- CPK of 1.67 or greater

**Contact Information:**
call: 763.577.0111  www.markenmfg.com  contact: info@markenmfg.com
**500 / 550 Series Automatic Cutting Machine**

**Weld Cut (WC):**

- **Application:** Steel Cable
- **Size:** 3/8”

The Weld Cutting method uses the application of electricity, when cutting steel cable, to produce a sealed and contained cut.

**Saw (S):**

- **Application:** Non-Wire Hose
- **Size:** 2”
- **Hydraulic Hose:** 1 1/4” six wire, 1 1/2” four wire

The inclusion of a pneumatic bender makes the 550S perfectly suited for customers that need to cut a wider range of hose sizes, especially larger high pressure hose.

**Rate of feed up to 150 FPM**
- **Up to 750 cuts per hour**
- **Accuracy .1 to .3 percent of length (exceeds SAE standards)**
- **CPK of 1.67 or greater**

**Options:**
- Depth Marking, InkJet Lay Line, Part Number, Logo and or Bar Code Marking
- PC Control/Kit Cutting Technology
- Splice Detection

**Accessories:**
- Coilers Page 11
- Dispersing Racks Page 10
- Reelers Page 10
- Platters Page 10
- Collection Bin
- Paycots Page 9

**Applicable Materials:**
- NON-WIRE RUBBER HOSE & TUBING
- HYDRAULIC HOSE
- STEEL CABLE
- PTFE HOSE
- COVERED CABLE

**Voltage Options:**
- 208 / 230 / 400 / 480 / 600 Volts
- Three Phase, 100 psi Air

**Dimensions:**
- 34” long x 34” wide x 56” tall

**Weight:**
- 1,000 pounds

**Call:** 763.577.0111  
**Website:** www.markenmfg.com  
**Contact:** info@markenmfg.com
**500 XL Series**  
Automatic Cutting Machine

---

**500 XL-6**  
(Saw & Guillotine)

<table>
<thead>
<tr>
<th>Application</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Non-Wire Hose</td>
<td>up to 1&quot;</td>
</tr>
<tr>
<td>Hydraulic Hose</td>
<td>3/4&quot; one wire</td>
</tr>
</tbody>
</table>

**500 XL**  
(Saw & Guillotine)

<table>
<thead>
<tr>
<th>Application</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Non-Wire Hose</td>
<td>up to 1&quot;</td>
</tr>
<tr>
<td>Hydraulic Hose</td>
<td>3/4&quot; one wire</td>
</tr>
</tbody>
</table>

---

**Applicable Materials:**

- NON-WIRE RUBBER HOSE & TUBING
- HYDRAULIC HOSE

**Voltage Options:**

- 208 / 230 / 400 / 480 / 600 Volts
- Three Phase, 100psi Air

**Dimensions:** (vary by design)

- 30 to 60" wide x 60" tall x 36" long
- 2,000 pounds

**Options:**

- PC Control/Kit Cutting Technology
- Splice Detection
- Produces complete kits w/ no tooling changeover between materials
- Multi-Station design eliminates production stoppage due to interruption of material supply
- On the Fly Printing
- Integrated Network Software
- Option for 2 different cutting types: Guillotine and Saw
- Inkjet marking of part numbers, clamp marks, logos, insertion marks, and barcodes

---

**Application Size**

- **Non-Wire Hose**  
  - up to 1"
- **Hydraulic Hose**  
  - 3/4" one wire

---

**Splice Detection**  
produces complete kits w/ no tooling changeover between materials

---

**Integrated Network Software**  
option for 2 different cutting types: guillotine and saw

---

**Inkjet marking of part numbers, clamp marks, logos, insertion marks, and barcodes**
600 S Automatic Cutting Machine

Applicable Materials:
- NON-WIRE RUBBER HOSE & TUBING
- HYDRAULIC HOSE
- PTFE HOSE

600 S (Saw)

<table>
<thead>
<tr>
<th>Application</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Non-Wire Hose</td>
<td>up to 1&quot;</td>
</tr>
<tr>
<td>Hydraulic Hose</td>
<td>1&quot; one wire 3/4&quot; two wire</td>
</tr>
<tr>
<td>PTFE Hose</td>
<td>up to 1&quot;</td>
</tr>
</tbody>
</table>

Voltage Options: 208 / 230 / 400 / 480 / 600 Volts
Dimensions: (vary by design)
Weight: 60" wide x 62" tall x 36" long
2,000 pounds

Saw (S):
Marken Mfg. has set the world-wide standard for cutting hydraulic hose with the application of our wet cut system, coupled with our specially designed blade.

Accessories:
- Coilers Page 11
- Dispersing Racks Page 10
- Reelers Page 10
- Platters Page 10
- Collection Bin
- Payouts Page 9

Options:
- Splice Detection
- Depth Marking
- Guillotine

Options:
- Rate of feed up to 150 FPM
- Up to 1000 cuts per hour
- PC Control with Kit Cutting Technology
- InkJet, Lay Line, Part Number, Logo and/or Bar Code
- Automatic Adhesive Labeling Included

Call: 763.577.0111  www.markenmfg.com  Contact: info@markenmfg.com
650 S Automatic Cutting Machine

Voltage Options:
208 / 230 / 400 / 480 / 600 Volts
Three Phase, 100psi Air

Dimensions: (vary by design)
60” wide x 62” tall x 36” long

Weight:
2,000 pounds

Applicable Materials:
NON-WIRE RUBBER HOSE & TUBING
HYDRAULIC HOSE

650 S (Saw)

<table>
<thead>
<tr>
<th>Application</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Non-Wire Hose</td>
<td>1¼” - 4” ID</td>
</tr>
<tr>
<td>Hydraulic Hose</td>
<td>1¼” - 2” ID 1-6 wire Braid and Spiral</td>
</tr>
<tr>
<td>Industrial</td>
<td>up to 4”</td>
</tr>
</tbody>
</table>

Drive: ¾ HP Horizontal Double Belt Drive
Saw Motor: 15 HP
Saw Blade: 18” Laser Slotted Blade
Cutting Type: Wet Cut

 Voltage Options:
208 / 230 / 400 / 480 / 600 Volts
Three Phase, 100psi Air

Dimensions: (vary by design)
60” wide x 62” tall x 36” long

Weight:
2,000 pounds

Applicable Materials:
NON-WIRE RUBBER HOSE & TUBING
HYDRAULIC HOSE

<table>
<thead>
<tr>
<th>Application</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Non-Wire Hose</td>
<td>1¼” - 4” ID</td>
</tr>
<tr>
<td>Hydraulic Hose</td>
<td>1¼” - 2” ID 1-6 wire Braid and Spiral</td>
</tr>
<tr>
<td>Industrial</td>
<td>up to 4”</td>
</tr>
</tbody>
</table>

Drive: ¾ HP Horizontal Double Belt Drive
Saw Motor: 15 HP
Saw Blade: 18” Laser Slotted Blade
Cutting Type: Wet Cut

- Cutting speed of 500 pieces per hour at 3 feet long 1” one wire hose
- Accuracy of 0.5 % of length
- PC Control with network and database function

Accessories:
- Dispensing Racks Page 10
- Reelers Page 10
- Platters Page 10
- Collection Bin
- Payouts Page 9

Options:
- Automatic Depth Marking
- Spike Detection

Dispersing Racks  Page 10
Reelers  Page 10                          Platters  Page 10
Collection Bin                          Payouts  Page 9
Crimping Machines

**NK16 1” Crimper**

<table>
<thead>
<tr>
<th>Application</th>
<th>2-SN 1”</th>
<th>4-SP ½”</th>
</tr>
</thead>
<tbody>
<tr>
<td>Crimp Force</td>
<td>80 Tons</td>
<td></td>
</tr>
<tr>
<td>Max Crimp Size</td>
<td>1 Inch (25mm)</td>
<td></td>
</tr>
<tr>
<td>Max Die Length</td>
<td>56 mm</td>
<td></td>
</tr>
<tr>
<td>Opening w/out Dies</td>
<td>118mm</td>
<td></td>
</tr>
<tr>
<td>Gross Weight</td>
<td>62 lbs (28kgs)</td>
<td></td>
</tr>
<tr>
<td>Dimensions</td>
<td>12” x 9” x 16”</td>
<td></td>
</tr>
<tr>
<td>Control</td>
<td>Hand Pump</td>
<td></td>
</tr>
<tr>
<td>Applicable Die Sets</td>
<td>16 Series</td>
<td></td>
</tr>
</tbody>
</table>

**K40 2” Crimper**

<table>
<thead>
<tr>
<th>Application</th>
<th>2” four wire</th>
<th>2” Industrial</th>
</tr>
</thead>
<tbody>
<tr>
<td>Crimp Force</td>
<td>240 Tons</td>
<td></td>
</tr>
<tr>
<td>Max Crimp Size</td>
<td>3 Inch (76 mm)*</td>
<td></td>
</tr>
<tr>
<td>Max Die Length</td>
<td>4 Inch (100mm)</td>
<td></td>
</tr>
<tr>
<td>Opening w/out Dies</td>
<td>4.6 Inch (118 mm)</td>
<td></td>
</tr>
<tr>
<td>Gross Weight</td>
<td>400 lbs (180 kgs)</td>
<td></td>
</tr>
<tr>
<td>Motor</td>
<td>5 Hp (4 kw) – 208/480V 3ph</td>
<td></td>
</tr>
<tr>
<td>Voltage Options</td>
<td>230V 1 Ph</td>
<td></td>
</tr>
<tr>
<td>Dimensions</td>
<td>24” x 16” x 25”</td>
<td></td>
</tr>
<tr>
<td>Control</td>
<td>Touch Screen or Micrometer</td>
<td></td>
</tr>
<tr>
<td>Applicable Die Sets</td>
<td>40 Series</td>
<td></td>
</tr>
</tbody>
</table>

**K60 4” Industrial Crimper**

<table>
<thead>
<tr>
<th>Application</th>
<th>2” six wire</th>
<th>4” Industrial</th>
</tr>
</thead>
<tbody>
<tr>
<td>Crimp Force</td>
<td>350 Tons</td>
<td></td>
</tr>
<tr>
<td>Max Crimp Size</td>
<td>5.2 Inch (130 mm)*</td>
<td></td>
</tr>
<tr>
<td>Max Die Length</td>
<td>4.9 Inch (120 mm)</td>
<td></td>
</tr>
<tr>
<td>Opening w/out Dies</td>
<td>7.08 Inch (180 mm)</td>
<td></td>
</tr>
<tr>
<td>Gross Weight</td>
<td>580 lbs (260 kgs)</td>
<td></td>
</tr>
<tr>
<td>Motor</td>
<td>7.5 Hp (5.5kW) – 208/480V 3ph</td>
<td></td>
</tr>
<tr>
<td>Voltage Options</td>
<td>230V 1Ph</td>
<td></td>
</tr>
<tr>
<td>Dimensions</td>
<td>20” x 30” x 34”</td>
<td></td>
</tr>
<tr>
<td>Control</td>
<td>Touch Screen or Micrometer</td>
<td></td>
</tr>
<tr>
<td>Applicable Die Sets</td>
<td>60 and 60L</td>
<td></td>
</tr>
</tbody>
</table>
Crimping Machines

K285 6” Adjustable Height Crimper

<table>
<thead>
<tr>
<th>Application</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>3” six wire</td>
<td></td>
</tr>
<tr>
<td>6” Industrial</td>
<td></td>
</tr>
</tbody>
</table>

150lb Flange Capacity
Adjustable Height

Crimp Force: 400 Tons
Crimp Range: ¼ inch to 8.25” (210 mm)
Master Die Length: 6 Inch (150mm)
Opening w/Dies: +2.25” (55 mm)
Opening w/o Dies: 11.22” (285 mm)
Motor: 7.5 Hp (5.5kw) – 208/480V 3ph
Voltage Options: 230V 3Ph or 480V 3Ph
Dimensions: 44” x 28” x 55”
Control: Touch Screen or Micrometer
Applicable Die Sets: 60, 60L, and 285
***Working Height Adjust From 12” to 40”

K150 3” Industrial Crimper
Coming this year

<table>
<thead>
<tr>
<th>Application</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1 1/4” 6 wire</td>
<td></td>
</tr>
<tr>
<td>3” Industrial</td>
<td></td>
</tr>
</tbody>
</table>

Crimp Force: 150 Tons
Max Crimp Size: 3 Inch (75 mm)* Industrial
Max Crimp Size: 1 ¼ Inch 6 wire
Master Die Length: 3 Inch (75 mm)
Opening w/Dies: +45mm +1.9 inch

2000 Crimps per hour
theoretical speed
Crimping Machines

KP300 Production Crimper

**Application**

| 2" six wire Hydraulic | 6" Industrial |

**Crimp Force** 300 Tons
**Max Crimp Size** 6 Inch (155 mm)*
**Max Die Length** 5 Inch (125 mm)
**Opening Travel** +3.25 inch (80 mm)
**Opening w/out Dies** 8.8 Inch (225mm)
**Gross Weight** 2000 lbs.
**Motor** 7.5 Hp (5,5kW)
**Voltage Options** 230V 3Ph or 480V 3 Ph
**Dimensions** 31" x 31" x 60”
**Control** Touch Screen
**Applicable Die Sets** 60 & 60L Series

**Products and Materials:**

3" 90º Elbow Fitting  
ANSI 150 lb. Flange  
Cam and Groove

**Die Sets:**
(Adapters are 130/80, 230/80, 145/80)

- **16 Series** – 10, 12, 15, 18, 21, 24, 27, 30
- **40 Series** – 10, 12, 15, 18, 21, 24, 27, 30, 33, 39, 45, 51, 57, 66, 70
- **60 Series** – 10, 12, 15, 18, 21, 24, 27, 30, 33, 39, 45, 51, 57, 66
- **60L Series** – 73, 80, 86, 90, 95, 99, 112, 117, 122
- **285 Series** – 136, 146, 156, 166, 176, 186, 196, 206, 215
Crimping Machines

KP400 Industrial Crimper

<table>
<thead>
<tr>
<th>Application</th>
<th>3” six wire Hydraulic</th>
<th>8” Industrial</th>
</tr>
</thead>
<tbody>
<tr>
<td>150lb Flange Capacity</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Crimping Machines

KP400 Industrial Crimper

440 Tons

Crimp Range

1/4” to 11.8” (250 mm)

- ANSI 150lb 8” Flange
- ANSI 300lb 6” Flange

- ANSI 150lb 8” Flange
- ANSI 300lb 6” Flange

6 Inch (150mm)

+5 inch (+125 mm)

13 3/4” (350mm)

6300 lbs.

7.5 Hp (5.5kW) – 208/480V 3Ph

230V 3Ph or 480V 3 Ph

44” x 31” x 76”

Touch Screen

- Adapters are 130/80, 230/80, 145/80

- 16 Series – 10, 12, 15, 18, 21, 24, 27, 30
- 40 Series – 10, 12, 15, 18, 21, 24, 27, 30, 33, 39, 45, 51, 57, 66, 70
- 60 Series – 10, 12, 15, 18, 21, 24, 27, 30, 33, 39, 45, 51, 57, 66
- 60L Series – 73, 80, 86, 90, 95, 99, 112, 117, 122
- 285 Series – 136, 146, 156, 166, 176, 186, 196, 206, 215

Products and Materials:

- 3” 90º Elbow Fitting
- ANSI 150 lb. Flange
- Cam and Groove

Die Sets:

(Adapters are 130/80, 230/80, 145/80)
Pushers, Skivers & Pressure Test

**P1 PUSHER**

- Application: Hose
- Max. Size: 1”
- Standard tooling for 1/4, 3/8, 1/2, 3/4, 1”
- Stright fittings Tooling for elbow fittings optional
- 100psi air Optional two hand operation
- 23”x16”x10” 80 lbs

**S1 BRUSH SKIVER**

- Application: Hose
- Max. Size: 2” six wire
- Includes 6 mandrels: 1/4, 3/8, 1/2, 3/4, 1 1/4”
- other sizes available
- 36”x36”x30” 250lbs 5hp 208/480V 3ph 50/60hz
- Adjustable skiving depth Brush wheel dia. 6”
- Available with an abrasive cone for tip skiving

**P2 PUSHER**

- **Rotating push on support tooling.**

**Pressure Test Bench**

- **Options:**
  - Test record
  - Electric pump & tank
  - Internal light

- Application: Hose
- Max. Size: 2”
- Standard tooling for 1/4, 3/8, 1/2, 3/4, 1”
- Stright fittings Tooling for elbow fittings optional
- 100psi air Optional two hand operation
- Optional 4 place rotating disk for quick tool change
- 36”x 28”x 42” 175 lbs

**PRESSURE TEST TANK**

- **Application:** Hose
- **Low Pressure Testing**
- **Max. Size:** 1/4” to 2”
- **Max. Test Pressure:** 1.500 bar (20.000 PSI)
- **Max. Hoses per Test:** 5
- 100psi Test liquid: water Manifold: 5 outputs 3/8”
- 38”x 65”x 56” 350 lbs
Marken Manufacturing has over 20 years of experience and customer contact. Due to the wide range of industries and products we have worked with, we have become very versatile in the design, engineering, and creation of special machines. Very often, all it takes is a simple request from a customer who says, “I sure could use something that does…….” We take it from there. In fact, many of our current front line products were the result of a special machine development. So, as we say, “just ask”.

- Storage and payouts
- Measuring and feeding systems
- Manual and automatic cut to lengths systems
- Wire, cable and hose marking
- Mobile equipment
- Coilers and spoolers
- Special machine applications

Marken offers brand new replacement blades for all saws, whether ours or from other manufacturers. We use high quality steel only from Western sources. We also offer blade sharpening services.
Consultation  With 20 plus years of experience in the industry, Marken can offer complete assembly set up like no one else. An expert Marken representative can come to your location for a consultation and offer recommendations that will save your company time and money.

Set up and training  Marken can come to your facility to set up your new equipment and teach your employees how to operate the machine. The Marken representative will offer advice on how to get the best performance out of your equipment and answer any questions you have.

Machine tune up and calibration  Marken can also make modifications to and calibrate your machine on site.

Contract cutting  Have a lot of cuts to make? Not sure if you are ready to purchase a machine? Marken can cut your product in house.

Rental  If you have more work than makes sense for contract cutting, or a short term job, Marken can rent a cutter or crimper to your business to get you going.

Leasing  When the time comes to buy a machine, but cash is tight, Marken can offer a machine lease to get you into the new business while managing cash flow. Several options and terms are available.

Hydraulic crimper repair  Have a leaky crimper? Need to have your machine calibrated? Call Marken for a consultation on your equipment. Marken can repair most Uniflex and Techmatflex machines as well as many Custom Crimp, Goodyear and Parker and Dixon style machines.
Thank you for considering Marken Manufacturing for your equipment needs. We strive to fulfill our commitment to excellent products and exceptional service to our customers. We welcome all comments and responses so that we may continue to bring you the best in flexible assembly technology.

The Marken Team - U.S. & Germany

Upgrade your equipment  Want a more efficient machine? Interested in some of the new machine features available? Marken can install a new Touch Screen Controller, upgrade your electronics, add Kit Cutting Software, Ink Jet Printing, Depth Marking or modify your cutting head if you want to change material.

Overhaul current system  Is your machine in need of some TLC? Marken has minor, major or complete overhaul options.

Technical support  Need some help with your machine, have a question, need to order a spare part? Marken is here to support your needs for the lifetime of your machine.

Made in the U.S.A.