

# INDUSTRIAL CUTTING TOOLS



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### **Holmatro - Mastering Power**

Holmatro products are all about the principle that only controlled power can be deployed effectively. We have expressed this vision in the slogan 'Mastering Power'. Still, for over 55 years after the foundation in 1967, we keep honoring our traditional Dutch roots and represent innovation, quality and support. That is why we design, develop, manufacture, and test our tools in-house. Our experience with high-pressure hydraulics enables us to seek out the boundaries of what is technically possible. This has made our tools lighter, compacter, more durable, and easier to use.

# ABOUT HOLMATRO

In 1967, Mr. Wessels founded the Holland Machine Trading Company. What started as a trading company, quickly grew into a high-pressure hydraulics specialist for Industrial cylinders with in-house production and development facilities. Nowadays, these cylinders are still the core of all our tools and systems, both Industrial and Rescue.

Over the years, Holmatro developed into a worldwide known & trusted brand. We are proud of the fact that after all this time we are still a **MADE in The Netherlands** company:

- Inhouse research & development
- Inhouse engineering
- 95% of sourcing & production in the Netherlands
- Inhouse quality control\*

We always strive to be the best in our field; we want to provide you with the best suitable and safe solution for your application, excellent service and a great customer care.



## HOLMATRO INDUSTRIAL EQUIPMENT

### We help make the world move forward

Supporting the green energy transition (offshore wind farms, recycling), enabling civil engineering companies to build roads, bridges or moving buildings, helping to place trains back on track, reducing downtime for production facilities and make working with high pressure hydraulics safer; in all these applications and many more, our equipment and service concepts are key to help make the world move forward.



**WE HELP MAKE  
THE WORLD MOVE  
FORWARD**



\* Our state-of-the-art production facilities in Raamsdonksveer, NL ensures that the high-grade traditional Dutch quality and robustness is maintained. Work is carried in accordance with the ISO 9001 Quality Management Standard and the SCC\* Safety Health and Environment (SHE) Checklist Contractors. Our products comply with all international standards such as the European EN 13204, EN 13731. Holmatro tools are developed, manufactured and maintained in conformity with the highest quality standards of durability, side load, mechanical distortion and overpressure. As they must be resistant to the most extreme conditions, our products are thoroughly tested before they are authorized for use in practice.

# HOLMATRO INDUSTRIAL CUTTING TOOLS

Our Industrial Cutting Tools are designed to handle a variety of materials, to endure a high frequency use and reduce physical risks and demands. The main application focus of our Industrial Cutting Tools lies in the field of recycling, demolition, production and decommissioning industries. Our Industrial Cutting Tools are made with three main elements in mind:



- **Safe**
- **Durable**
- **Ergonomic**

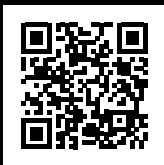
# HOLMATRO INDUSTRIAL TOOLS

With our range of cylinders, pumps and system components, we offer you flexibility and controlled power, from 5 to 300 tons. We offer high-quality products for almost any application. All tools are designed for generating and controlling precision power in various industrial applications, such as maintenance, construction & installation, mining, civil engineering, shipbuilding, heavy transport, petrochemical and offshore. The Industrial Tools range provides you with all needed components to compose your complete hydraulic system. **We are happy to help you find the best and safest solution for your application.**



# HOLMATRO INDUSTRIAL SYSTEMS

Rerailing rolling stock, levelling and fixation of offshore wind mills, turbine transport, generator installations, ship launching: moving, adjusting or levelling heavy loads require controlled forces. One of the conditions for achieving this is that your system of choice is safe, easy to use and to deploy. User-friendliness is therefore the starting point for all our industrial systems: both in operation and functionality. Lifting, pushing, pulling, lowering, weighing, tilting or horizontal movement; **whatever direction your project moves in, we move with you.**



## Rerailing

Discover Holmatro's World of Rerailing!

When a railway vehicle derails, the wish is to have the vehicle back on track in no time in a safe and controlled manner. Therefore a system needs to be in place that gets the job done. Holmatro offers rerailing systems that are suitable for different rerailing applications.

The Holmatro rerailing systems are built with three main elements in mind:

- Safe
- Fast
- Controllable



## Offshore Wind

We have proven ourselves in the field of TP levelling and TP fixation, jacket fixation, cutting applications, seafastening systems and skidding solutions. Holmatro is your proven partner for your offshore wind project.

# HOLMATRO PARTNER NETWORK

At Holmatro Industrial Equipment, we believe in the power of joint success. We are proud of our network of dedicated local partners; they give excellent support to our customers with their expertise and knowledge of their market.



*'Our partnership with Holmatro Industrial Equipment exists for over 15 years and we are very pleased with this partnership and cooperation. Holmatro's partner program is supporting our growth and continuously improving and expanding our business. One of the main market segments for Industrial Cutting Tools is the recycling market, Bronneberg is selling, servicing, and taking care of annual certification in the Dutch, Belgium, and the German markets for the Holmatro Industrial Cutting Tools. The Industrial Cutting Tools are specially designed for durable, safe, and ergonomic use for our customers. Together we help to make the recycling industry safer, healthier, and more productive by eliminating unsafe tools like reciprocal saws, flame torches, or angle grinders and keeping the cutters in safe and reliable condition with the Holmatro Premium Service Center approach.'*

*Michiel Jegerings, CEO, Bronneberg B.V*

# HOLMATRO PREMIUM SERVICE PROGRAM

Correct & periodic maintenance can prevent unnecessary damages, costs, and unsafe situations. This is why we offer you a complete service program for high pressure hydraulic tools.



## How we test

Our years of experience have learned that there is only one correct way to determine if a hydraulic system is safe to use: dynamic testing. With dynamic testing, we simulate a max. use situation of the cylinder in a controlled environment. By doing so, hidden defects will be identified sooner, ensuring the reliability and safety of your tools.

## How we train

Working with high pressure hydraulics comes with great responsibility. For you as an employer, it is important to inform and train your employees and keep them safe. We help you understand the risks related to high-pressure hydraulics, with on- and offline tools. Not only to help keep your employees safe, but also meet your legal obligations.



## SCAN THE QR CODE

and discover more about our safety and maintenance instructions.

# WHY HOLMATRO INDUSTRIAL CUTTING TOOLS?

## Benefits

Holmatro is a worldwide known expert in developing & producing hydraulic cutters. We have +55 year's experience in the industrial and rescue market. Eventhough an industrial and rescue cutter may look the same, they were designed for a different fit for purpose.

Our Industrial Cutting Tools are specially designed for safe, durable and ergonomic use in a heavy-duty environment.

### ✓ SAFE

Holmatro Industrial cutters are user-friendly in the safety of their operation:

- Two-hand operation
- Dead man's function
- Guarded moving parts

### ✓ DURABLE

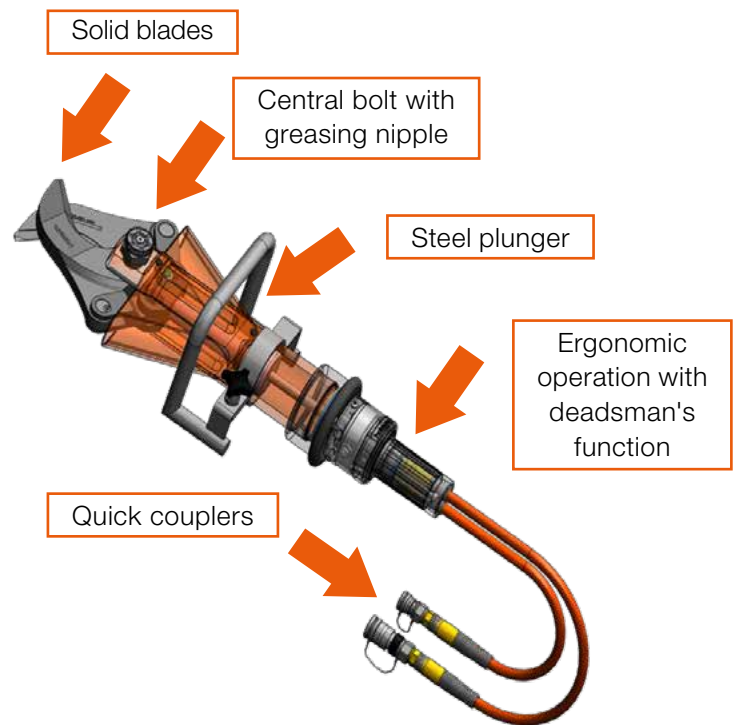
Holmatro industrial cutters are durable:

- Industrial designed/build
- High frequency use
- Blade greasing groves
- Blades are interchangeable for flexible use in a wider range of Holmatro Industrial Cutting tools

### ✓ ERGONOMIC

Holmatro industrial cutters are ergonomic:

- A rotation mechanism that makes it possible to rotate a tool in any direction and under any angle (stationary model).
- The operator can cut objects without first having to place them in a particular position. This feature enables higher productivity levels (stationary model).
- The mobile cutters are lightweight, easy in use and transportation and fitted with an adjustable handle



# TYPES OF INDUSTRIAL CUTTING TOOLS

## Mobile or Stationary

### Mobile

The mobile cutter is specially developed for field use. Examples of this are the removal of catalytic converters, old pipelines, building demolition, cutting cables, etc. For this model, the accent is placed on mobility. Mobile cutters are constructed from high-grade aluminium resulting in strong and light tools. The pump units are also specially developed for mobile use. The electric pumps are compact and light in weight, enabling work to be carried out at locations that are difficult to access.



### Stationary







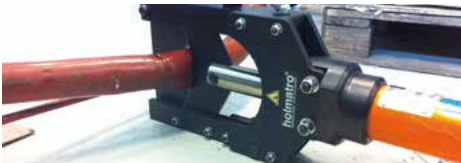
The stationary cutter is specially developed for continuous use, for example in processes where repeated tasks are carried out at a fixed point on the production line. For this model, the accent is placed on durability (high load frequency) and ergonomics (prolonged physical demands). Stationary cutters are constructed from high-grade steel. A balancer compensates the weight increase in comparison to the portable aluminium model. The hydraulic pump is also adapted to meet the demands of continuous use.









# WHICH INDUSTRIAL CUTTING FITS YOUR APPLICATION

## Mobile cutting, Stationary cutting or Cable cutting

| Application  | Mobile Cutting | Stationary Cutting | Cable Cutting |
|--|----------------|--------------------|---------------|
| Cable recycling<br>                         | ✓              | ✓                  |               |
| Vehicle recycling<br>                       | ✓              |                    |               |
| Refrigerator recycling<br>                 | ✓              | ✓                  |               |
| Demolition recycling<br>                  | ✓              |                    |               |
| Nuclear recycling<br>Decommissioning<br>  | ✓              | ✓                  |               |
| Cable production<br>                      | ✓              |                    | ✓             |
| Cable cutting in the field (removals)<br> |                |                    | ✓             |

# BLADES INDUSTRIAL CUTTERS

Which set of cutter blades is the most suitable for your application? Choose your application in the table on this page and find out which set of blades corresponds with it. The blades are milled from solid material, various blades are interchangeable, extra hardened and have greasing grooves for grease disposal. When you are in doubt which blade fits your application, please contact Holmatro Industrial Equipment.

|   | Blade type | Application   | Features  | ICU 5 | ICU 10 / 20 | ICU 40 |
|---|------------|---|---|-------|-------------|--------|
|    | 10         | Cable recycling and production                                  | <b>Blade with special blade guiding</b>                     | ✓     | ✓           |        |
|    | 20         | Demolition, foundry and scrap                                   | <b>General short, parrot like blade</b>                     |       |             | ✓      |
|    | 30         | Car recycling, demolition, scrap and foundry                    | <b>General standard blade</b>                               | ✓     | ✓           | ✓      |
|  | 40         | Fridge recycling, household appliances recycling and demolition | <b>Blade with both cutting teeth and spreading function</b> |       | ✓           |        |



# INDUSTRIAL HYDRAULIC CUTTING



# MOBILE CUTTERS



## Compact



## Medium



## Large



### Features & benefits

#### Safe:

- Tools can only be operated by using both hands
- Dead man's function
- Guarded moving parts
- Safety valve to protect tool from over pressuring

#### Durable:

- Flat and special coated hinge pin construction enabling optimum reach
- Fast for an efficient (production) process
- Stays on torque due to permanent locking of central bolt
- Various blade types available
- Plunger made of steel

#### Ergonomic:

- Lightweight (constructed from high grade aluminium)
- User-friendly

### Accessories

- Maintenance set in carrying box
- Pressure gauge set for checking the operating pressure
- Lubricants
- Trolley and balancers

Available on request:

\*Battery driven cutter

|                          |    |
|--------------------------|----|
| Mobile pump units        | 16 |
| Hoses for mobile cutters | 18 |
| Accessories              | 19 |

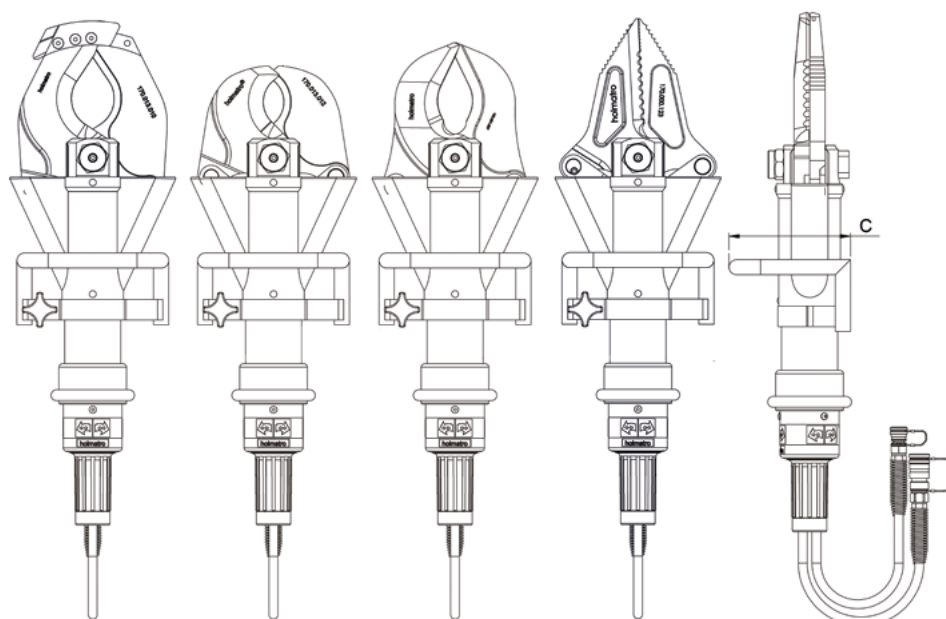
## MOBILE CUTTERS | compact

| specifications                   |         | ICU 05 A 10     | ICU 05 A 30     |
|----------------------------------|---------|-----------------|-----------------|
| art no                           |         | 170.012.099     | 170.012.100     |
| blade type                       |         | 10 cable        | 30 standard     |
| cutter type                      |         | mobile          | mobile          |
| max. working pressure            | bar/Mpa | 500 / 50        | 500 / 50        |
| max. spreading opening           | mm      |                 |                 |
| max. cutting opening             | mm      | 95              | 98              |
| max. spreading force             | kN/t    |                 |                 |
| max. cutting force               | kN/t    | 104 / 10.6      | 124 / 12.6      |
| required oil content (effective) | cc      | 37              | 37              |
| dimensions (AxBxC)               | mm      | 630 x 205 x 170 | 580 x 205 x 170 |
| weight, ready for use            | kg      | 10.3            | 9.4             |
| temperature range                | °C      | -20 + 80        | -20 + 80        |

| specifications                   |         | ICU 10 A 10     | ICU 10 A 30     | ICU 10 A 40     |
|----------------------------------|---------|-----------------|-----------------|-----------------|
| art no                           |         | 170.012.053     | 170.012.055     | 170.012.056     |
| blade type                       |         | 10 cable        | 30 standard     | 40 straight     |
| cutter type                      |         | mobile          | mobile          | mobile          |
| max. working pressure            | bar/Mpa | 500 / 50        | 500 / 50        | 500 / 50        |
| max. spreading opening           | mm      |                 | 305             | 305             |
| max. cutting opening             | mm      | 115             | 158             | 296             |
| max. spreading force             | kN/t    |                 |                 | 92 / 9.4        |
| max. cutting force               | kN/t    | 242 / 24.7      | 246 / 25.1      | 264 / 26.9      |
| required oil content (effective) | cc      | 84              | 84              | 84              |
| dimensions (AxBxC)               | mm      | 737 x 222 x 177 | 706 x 222 x 177 | 740 x 222 x 177 |
| weight, ready for use            | kg      | 17.3            | 15.3            | 15.4            |
| temperature range                | °C      | -20 + 80        | -20 + 80        | -20 + 80        |

# MOBILE CUTTERS | large

| specifications                   |         | ICU 40 A 20     | ICU 40 A 30     |
|----------------------------------|---------|-----------------|-----------------|
| art no                           |         | 170.012.042     | 170.012.047     |
| blade type                       |         | 20 short        | 30 standard     |
| cutter type                      |         | mobile          | mobile          |
| max. working pressure            | bar/Mpa | 500 / 50        | 500 / 50        |
| max. spreading opening           | mm      |                 |                 |
| max. cutting opening             | mm      | 102             | 181             |
| max. spreading force             | kN/t    |                 |                 |
| max. cutting force               | kN/t    | 594 / 60.6      | 644 / 65.7      |
| required oil content (effective) | cc      | 163             | 163             |
| dimensions (AxBxC)               | mm      | 720 x 270 x 218 | 775 x 270 x 218 |
| weight, ready for use            | kg      | 19.0            | 19.4            |
| temperature range                | °C      | -20 + 80        | -20 + 80        |



# STATIONARY CUTTERS | standard

**Designed for continuous use**



## Features & benefits

### Safe:

- Tools can be operated by using both hands
- Dead man's function
- Guarded moving parts

### Durable:

- Flat lever hinge pin construction enabling optimum reach
- Fast for an efficient (production) process
- Stays on torque due to permanent locking of central bolt
- Complete cutter made of high grade steel
- Various blade types available

### Ergonomic:

- User-friendly
- Push button control
- 360° rotatable

## Accessories

- Maintenance set in carrying box
- Pressure gauge set for checking the operating pressure
- Lubricants
- Balancer

|                              |    |
|------------------------------|----|
| Stationary pump units        | 17 |
| Hoses for stationary cutters | 18 |
| Accessories                  | 19 |

| specifications                   |         | ICU 20 S 10     | ICU 20 S 30     | ICU 20 S 40     |
|----------------------------------|---------|-----------------|-----------------|-----------------|
| art no                           |         | 170.012.057     | 170.012.059     | 170.012.060     |
| blade type                       |         | 10 cable        | 30 standard     | 40 straight     |
| cutter type                      |         | stationary      | stationary      | stationary      |
| max. working pressure            | bar/Mpa | 500 / 50        | 500 / 50        | 500 / 50        |
| max. spreading opening           | mm      |                 |                 | 305             |
| max. cutting opening             | mm      | 115             | 158             | 296             |
| max. spreading force             | kN/t    |                 |                 | 92 / 9.4        |
| max. cutting force               | kN/t    | 242 / 24.7      | 246 / 25.1      | 264 / 26.9      |
| required oil content (effective) | cc      | 84              | 84              | 84              |
| dimensions (AxBxC)               | mm      | 692 x 361 x 312 | 651 x 361 x 312 | 639 x 361 x 312 |
| weight, ready for use            | kg      | 28.5            | 26.6            | 26.6            |
| temperature range                | °C      | -20 + 80        | -20 + 80        | -20 + 80        |

# STATIONARY CUTTERS | horizontal assembled blades and two hand operation

## Designed for continuous use



### Features & benefits

#### Safe:

- Two-hand operation
- Dead man's function
- Guarded moving parts

#### Durable:

- Flat lever hinge pin construction enabling optimum reach
- Fast for an efficient (production) process
- Stays on torque due to permanent locking of central bolt
- Complete cutter made of high grade steel
- Various blade types available

#### Ergonomic:

- Horizontal assembled blades
- User-friendly
- Push button control
- 360° rotatable

### Accessories

- Maintenance set in carrying box
- Pressure gauge set for checking the operating pressure
- Lubricants
- Balancer

| specifications                   |         | ICU 20 STH 10   | ICU 20 STH 30   | ICU 20 STH 40   |
|----------------------------------|---------|---|---|---|
| art no                           |         | 170.012.078   | 170.012.080   | 170.012.081   |
| blade type                       |         | 10 cable  | 30 standard   | 40 straight   |
| cutter type                      |         | stationary - horizontal assembled blades and two hand operation | stationary - horizontal assembled blades and two hand operation | stationary - horizontal assembled blades and two hand operation |
| max. working pressure            | bar/Mpa | 500 / 50  | 500 / 50  | 500 / 50  |
| max. spreading opening           | mm      |   |   | 305   |
| max. cutting opening             | mm      | 115   | 158   | 296   |
| max. spreading force             | kN/t    |   |   | 92 / 9.4  |
| max. cutting force               | kN/t    | 242 / 24.7  | 246 / 25.1  | 264 / 26.9  |
| required oil content (effective) | cc      | 84  | 84  | 84  |
| dimensions (AxBxC)               | mm      | 692 x 361 x 312   | 651 x 361 x 312   | 639 x 361 x 312   |
| weight, ready for use            | kg      | 28.5  | 26.6  | 26.6  |
| temperature range                | °C      | -20 + 80  | -20 + 80  | -20 + 80  |

# MOBILE PUMP UNITS



## Features & benefits

### IPU-M 2035 DRU and IPU-M 12 W 6 SD

- Compact and lightweight
- 2-stage pump for higher operating speed
- Durable, low maintenance

### Standard supplied with

- Protection frame (IPU-M 2035 DRU)

## Accessories

- IPU-M 12
  - Protection frame
  - Cover plate for protection frame
- NB. the above option is not possible in combination with transport trolley

| specifications                |         | IPU-M 2035 DRU   |                  |                   | IPU-M 12 W 6 SD  |                  |                   |
|-------------------------------|---------|------------------|------------------|-------------------|------------------|------------------|-------------------|
| art no                        |         | 170.152.007 (EU) | 170.152.018 (UK) | 101.002.706 (USA) | 170.152.039 (EU) | 101.002.742 (UK) | 101.002.743 (USA) |
| max. working pressure         | bar/Mpa | 500 / 50         | 500 / 50         | 500 / 50          | 500 / 50         | 500 / 50         | 500 / 50          |
| for cutter type               |         | mobile           | mobile           | mobile            | mobile           | mobile           | mobile            |
| capacity oil tank (effective) | cc      | 2000             | 2000             | 2000              | 6000             | 6000             | 6000              |
| first stage output / min.     | cc      | 2200             | 2200             | 2500              | 3200             | 3200             | 3600              |
| second stage output / min.    | cc      | 600              | 600              | 700               | 1200             | 1200             | 1400              |
| first stage pressure range    | bar/Mpa | 0-200 / 0-20     | 0-200 / 0-20     | 0-200 / 0-20      | 0-200 / 0-20     | 0-200 / 0-20     | 0-200 / 0-20      |
| second stage pressure range   | bar/Mpa | 200-500 / 20-50  | 200-500 / 20-50  | 200-500 / 20-50   | 200-500 / 20-50  | 200-500 / 20-50  | 200-500 / 20-50   |
| operator type                 |         | electric motor   | electric motor   | electric motor    | electric motor   | electric motor   | electric motor    |
| engine                        |         | 230V - 50 Hz     | 110 V - 50 Hz    | 115 V - 60 Hz     | 230V - 50 Hz     | 110 V - 50 Hz    | 115 V - 60 Hz     |
| weight, ready for use         | kg      | 27.5             | 27.5             | 27.5              | 47.0             | 47.0             | 47.0              |
| dimensions (LxWxH)            | mm      | 405 x 325 x 375  | 405 x 325 x 375  | 405 x 325 x 375   | 462 x 339 x 470  | 462 x 339 x 470  | 462 x 339 x 470   |

| specifications                |         | IPU-M 32 M 25 E               |
|-------------------------------|---------|-------------------------------|
| art no                        |         | 170.152.503                   |
| max. working pressure         | bar/Mpa | 350 / 35                      |
| for cutter type               |         | mobile                        |
| capacity oil tank (effective) | cc      | 25000                         |
| first stage output / min.     | cc      | 3200                          |
| first stage pressure range    | bar/Mpa | 0-350 / 0-35                  |
| operator type                 |         | electric motor                |
| engine                        |         | 400 V - 2.2 kW - 50 Hz - 3 Ph |
| weight, ready for use         | kg      | 72.0                          |
| dimensions (LxWxH)            | mm      | 528 x 400 x 651               |

## Features & benefits

### IPU-M 32 M 25 E

- Especially for applications in which speed is more important than capacity
- Lower operating pressure
  - 30% cutting force decrease
  - Higher output (3.2l/min. continuously)
- Extremely durable, low maintenance



# STATIONARY PUMP UNITS

Designed for heavy duty applications



## Features & benefits

- Oil level, oil filter- and temperature sensor; to reduce the wear on the pump modules
- Alarm function for the oil level, oil filter- and temperature sensors
- Lowered pump module into the oil of the pump, also to further reduce the wear
- Pump will automatically switch off when not in use for longer than 15 minutes
- Control box with robust transformer, made out of sheet metal
- Less vibrations
- Durable, low maintenance and designed for continuous operation
- Safe:
  - Protected against pressure drop by non-return valve in return port (prevents rebound when spreading)
  - In case of power failure, the system will become pressureless

| specifications                |         | IPU-S 12 W 25 E (500 bar)     | IPU-S 32 S 25 E (350 bar)     |
|-------------------------------|---------|-------------------------------|-------------------------------|
| art no                        |         | 101.002.660                   | 101.002.639                   |
| max. working pressure         | bar/Mpa | <b>500 / 50</b>               | <b>350 / 35</b>               |
| for cutter type               |         | stationary                    | stationary                    |
| capacity oil tank (effective) | cc      | 25000                         | 25000                         |
| first stage output / min.     | cc      | 3200                          | 3200                          |
| second stage output / min.    | cc      | 1200                          | -                             |
| first stage pressure range    | bar/Mpa | 0-200 / 0-20                  | 0-350 / 0-35                  |
| second stage pressure range   | bar/Mpa | 200-500 / 20-50               | -                             |
| operator type                 |         | electric motor                | electric motor                |
| engine                        |         | 400 V - 1.5 kW - 50 Hz - 3 Ph | 400 V - 2.2 kW - 50 Hz - 3 Ph |
| weight, ready for use         | kg      | 85.0                          | 120.0                         |
| dimensions (LxWxH)            | mm      | 528 x 400 x 864               | 523 x 640 x 650               |

## HOSES | for mobile cutters



### Features & benefits

- Anti-kink springs on both sides
- 4:1 safety ratio

### Standard supplied with

- Couplers

| specifications        |         | IVL 5 SOU   | IVL 10 SOU  | IVL 20 SOU  |
|-----------------------|---------|-------------|-------------|-------------|
| art no                |         | 100.570.001 | 100.570.002 | 100.570.004 |
| max. working pressure | bar/Mpa | 720 / 72    | 720 / 72    | 720 / 72    |
| for cutter type       |         | mobile      | mobile      | mobile      |
| color                 |         | orange      | orange      | orange      |
| hose connection A     |         | A 239       | A 239       | A 239       |
| hose connection B     |         | A 240       | A 240       | A 240       |
| length                | m       | 5           | 10          | 20          |

## HOSES | for stationary cutters



### Features & benefits


- Anti-kink springs on both sides
- 4:1 safety ratio

### Standard supplied with



- Couplers
- Protection sleeves for hoses and couplers
- 12V cable for electric button operation of cutter

| specifications        |         | IVL 10 SOU-EK |
|-----------------------|---------|---------------|
| art no                |         | 170.570.002   |
| max. working pressure | bar/Mpa | 720 / 72      |
| for cutter type       |         | stationary    |
| color                 |         | orange        |
| hose connection A     |         | A 239         |
| hose connection B     |         | A 240         |
| length                | m       | 10            |




## SERVICE TOOLS

| service tools   | description     | ICU 05 | ICU 10/20 | art no      |
|---|-----------------|--------|-----------|-------------|
|  | Maintenance set | ●      |           | 170.013.111 |
|   | Maintenance set |        | ●         | 170.013.109 |



## COUPLERS AND ACCESSORIES | 1000 bars

| accessories   | description  | model     | art no      |
|---|--|-----------|-------------|
|  | Quick coupler, female, including aluminium dust cap <ul style="list-style-type: none"> <li>• Connection: 1/4" BSP female</li> <li>• Fits: A 239</li> <li>• Extra lock ring</li> <li>• Max. working pressure: 1000 bar</li> </ul>                   | A 240 set | 101.002.664 |
|  | Quick coupler, male, including aluminium dust cap <ul style="list-style-type: none"> <li>• Connection: 1/4" BSP female</li> <li>• Fits: A 238 and A 240</li> <li>• Sealing ring for 1/4" BSP</li> <li>• Max. working pressure: 1000 bar</li> </ul> | A 239 set | 150.013.417 |

## LUBRICANTS

| lubricants  | description   | model | art no      |
|---|---|-------|-------------|
|  | Lubricants, set to service cutters consists of: <ul style="list-style-type: none"> <li>• Molykote® grease</li> <li>• Teflon lubricant</li> <li>• Brake cleaner</li> </ul>                       | -     | 170.013.021 |
|  | High-quality Molykote® grease <ul style="list-style-type: none"> <li>• For metal / metal combinations at slow to fast movements with medium to heavy load</li> <li>• Cartridge 400 g</li> </ul> | -     | 100.581.082 |
|  | Teflon lubricating oil Sir John® <ul style="list-style-type: none"> <li>• High-quality lubricant and maintenance oil</li> <li>• Spray can 400 ml</li> </ul>                                     | -     | 150.581.095 |

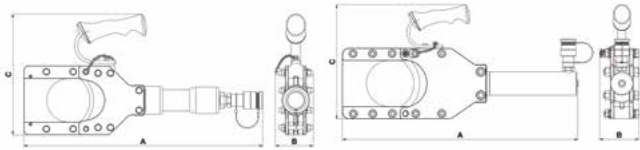
## TRANSPORT AND BALANCER SYSTEMS

| systems   | description   | model | art no      |
|---|---|-------|-------------|
|  | Trolley for transport of cutter, pump and hose <ul style="list-style-type: none"> <li>• For a complete mobile set consisting of cutter, pump and hose ; quickly and easily moveable by one person</li> <li>• With rubber tyres: suitable for inside and outside, suitable for various floor and terrain conditions</li> </ul> | -     | 170.182.003 |
|  | Balancer, 15 - 20 kg <ul style="list-style-type: none"> <li>• For ICU 10 / 40</li> <li>• For virtually weightless operation of the cutter or wedge</li> </ul>   | -     | 130.182.039 |
|   | Balancer, 25 - 30 kg <ul style="list-style-type: none"> <li>• For ICU 20</li> <li>• For virtually weightless operation of the cutter</li> </ul>   | -     | 130.581.000 |

# CABLE CUTTING



# GUILLOTINE CABLE CUTTER | spring return



## Features & benefits

- Compact
- Lightweight
- Spark-free; safe alternative for grinding
- Quick and reliable
- Usable in all positions
- Hardened blade that can be sharpened

## Standard supplied with

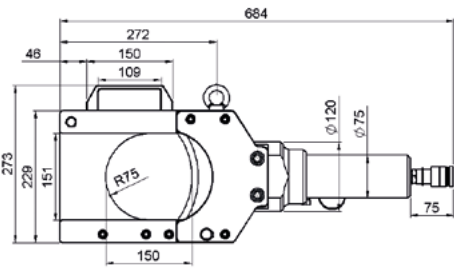
- Carrying/storage bag

|                 |    |
|-----------------|----|
| Hand pumps      | 23 |
| Hydraulic hoses | 25 |

| specifications                   |         | HCC 100 A      |
|----------------------------------|---------|----------------|
| art no                           |         | 100.012.021    |
| cutter type                      |         | power cable    |
| max. working pressure            | bar/Mpa | 720 / 72       |
| max. jaw opening                 | mm      | 100            |
| capacity                         | kN/t    | 87 / 8.9       |
| required oil content (effective) | cc      | 140            |
| return type                      |         | spring         |
| weight, ready for use            | kg      | 12.7           |
| temperature range                | °C      | -20 + 55       |
| dimension (AxBxC)                | mm      | 545 x 85 x 263 |



# GUILLOTINE CABLE CUTTERS | hydraulic return



## Features & benefits

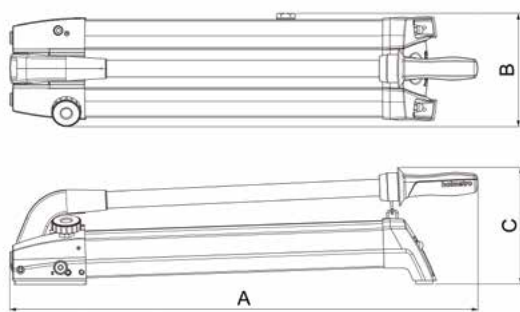
- Spark-free; safe alternative for grinding
- Quick and reliable
- Usable in all positions
- Hardened blade that can be sharpened
- Controlled return process of the blade by hydraulic pressure

|                 |    |
|-----------------|----|
| Hand pumps      | 23 |
| Hydraulic hoses | 25 |

| specifications                   |         | HCC 150         | HCC 210         |
|----------------------------------|---------|-----------------|-----------------|
| art no                           |         | 100.522.150     | 101.002.232     |
| cutter type                      |         | power cable     | power cable     |
| max. working pressure            | bar/Mpa | 720 / 72        | 720 / 72        |
| max. jaw opening                 | mm      | 145             | 220             |
| capacity                         | kN/t    | 203.6 / 20.8    | 738 / 75.3      |
| required oil content (effective) | cc      | 452             | 850             |
| return type                      |         | hydraulic       | hydraulic       |
| weight, ready for use            | kg      | 24.9            | 78              |
| temperature range                | °C      | -20 + 55        | -20 + 55        |
| dimension (AxBxC)                | mm      | 684 x 273 x 135 | 882 x 438 x 210 |



# HAND PUMPS | for hydraulic cable cutters



PA 09 H 2 set (for HCC100)



PA 18 H 2 set (for HCC150/210)



## Features & benefits PA handpumps

- Lightweight
- Including pressure gauge
- Ergonomic design
- 2-stage
- Oil capacity 400 - 5800 cc

## Recommendations

- PA 09 H 2 set (recommended option for **HCC 100**)
- PA 18 H 2 set incl. VM 43 L (recommended option for **HCC 150 / 210**)



| specifications                   |         | PA 09 H 2       | PA 18 H 2       |
|----------------------------------|---------|-----------------|-----------------|
| art no                           |         | 100.142.034     | 100.142.035     |
| max. working pressure            | bar/Mpa | 720 / 72        | 720 / 72        |
| capacity oil tank (effective)    | cc      | 900             | 1800            |
| capacity oil tank                | cc      | 1000            | 1990            |
| first stage output (per stroke)  | cc      | 22              | 42.8            |
| second stage output (per stroke) | cc      | 2.1             | 3.1             |
| first stage press range          | bar/Mpa | 0-45 / 0-4.5    | 0-45 / 0-4.5    |
| second stage pressure range      | bar/Mpa | 45-720 / 4.5-72 | 45-720 / 4.5-72 |
| max. operating force             | kg      | 33.0            | 35.0            |
| connection                       |         | 3/8" NPT female | 3/8" NPT female |
| operator type                    |         | hand            | hand            |
| double acting optional           |         | no              | yes             |
| weight, ready for use            | kg      | 4.7             | 7.6             |
| dimension A                      | mm      | 619             | 700             |
| dimension B                      | mm      | 135             | 169             |
| dimension C                      | mm      | 170             | 175             |

| control valves | hydraulic diagram | description  | model   | art no      |
|----------------|-------------------|--|---------|-------------|
|                |                   | Control valve <ul style="list-style-type: none"> <li>• Suitable for double-acting tools</li> <li>• Handle stops in each position</li> <li>• With pressure controlled non-return valves for securing the load</li> <li>• 4-way, 3-position</li> <li>• Connection: 3/8" NPT female (2x)</li> <li>• Max. working pressure: 720 bar</li> </ul> | VM 43 L | 100.182.175 |

# VARI PUMPS | for hydraulic cable cutters





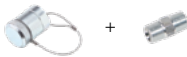

## Features & benefits Vari Pumps

- Single / double acting
- 1-stage / 2-stage pumps
- Speed: 0,6 - 1,8 ltrs p/min
- Oil capacity: 6000 - 12000 cc







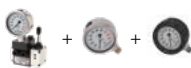

## Recommendations

- Vari Pump 06 W 6 SD (recommended option for **HCC 100**)
- Vari Pump 06 W 6 SD (standard option for **HCC 150 / 210**)
- Vari Pump 18 W 25 E (fast option for **HCC 150 / 210**)

## VARI PUMP | for HCC 100

| set specifications          |   | Vari Pump 06 W 6 SD (for HCC 100)                           |
|-----------------------------|---|---|
| Vari Pump unit 06 W 6 SD    |  | 100.152.025   |
| Valve M 311 (single acting) |  | 100.181.311   |
| Set system components       |  | 1 x A119 (100.181.119) + 1 x A101 (100.581.101)             |
| Pressure Gauge set          |  | A108 (100.181.108) + A500 (100.582.500) + cap (350.581.160) |

## VARI PUMPS | for HCC 150 / 210

| set specifications (standard option) | Vari Pump 06 W 6 SD (for HCC 150 / 210)   | set specifications (fast option) + remote control | Vari Pump 18 W 25 E (for HCC 150 / 210)   |
|--------------------------------------|---|---|---|
| Vari Pump unit 06 W6 SD              |  100.152.025         | Vari Pump unit 18 W 25 E                          |  100.152.067         |
| Valve M 322                          |  100.181.322         | Valve M 326                                       |  100.182.321         |
| Set system components                |  2 x A119 + 2 x A101 | Set system components                             |  2 x A119 + 2 x A101 |
| Pressure Gauge set                   |  M 308 + A 500 + cap | Pressure Gauge set                                |  M 308 + A 500 + cap |
|                                      |   | Remote control                                    | 100.151.006   |



# EXTENSION HOSES | for cable cutting



## Features & benefits

- Anti-kink springs on both sides
- 4:1 safety ratio


















## Recommendation

- For double acting system two hoses are needed

| specifications        |         | VL 2 SOU    | VL 3 SOU    | VL 5 SOU    | VL 10 SOU   | VL 15 SOU   | VL 20 SOU   |
|-----------------------|---------|-------------|-------------|-------------|-------------|-------------|-------------|
| art no                |         | 100.572.302 | 100.570.294 | 100.572.305 | 100.572.310 | 100.572.315 | 100.572.320 |
| max. working pressure | bar/Mpa | 720 / 72    | 720 / 72    | 720 / 72    | 720 / 72    | 720 / 72    | 720 / 72    |
| color                 |         | orange      | orange      | orange      | orange      | orange      | orange      |
| hose connection A     |         | A 119       | A 119       | A 119       | A 119       | A 119       | A 119       |
| hose connection B     |         | A 118       | A 118       | A 118       | A 118       | A 118       | A 118       |
| length                | m       | 2           | 3           | 5           | 10          | 15          | 20          |



# COMPOSE YOUR INDUSTRIAL CUTTING SYSTEM

|   | Mobile Cutting   | Stationary Cutting   | Cable Cutting   |  |   |
|---|--|--|---|--|---|
| <b>Step 1:<br/>Choose your industrial cutter</b>  | ICU 05 A<br>ICU 10 A<br>ICU 40 A   | ICU 20 S / STH   | HCC   |  |   |
| <b>Step 2:<br/>Choose blade type</b>  | <b>10 cable</b><br>ICU 05 A<br>ICU 10 A<br>ICU 20 S<br> | <b>20 short</b><br>ICU 40 A<br> | <b>30 standard</b><br>ICU 05 A<br>ICU 10 A<br>ICU 20 S<br>ICU 40 A<br> | <b>40 straight</b><br>ICU 10 A<br>ICU 20 S<br> | Guillotine blade<br> |
| <b>Step 3:<br/>Choose pump unit</b>   |    |                               |   |  |   |
| <b>Step 4:<br/>Select the right hose to complete your pump system</b>                         | IVL<br><br>5m      10m      20m                       | IVL - EK<br><br>10m          | Extension hose<br>   |  |   |
| <b>Your industrial cutting system is ready!</b>   |  |  |   |  |   |
| <b>Step 5 (additional):<br/>Select the right accessory for your industrial cutting system</b> |   |                               |    |  |   |
| <b>Step 6 (recommended):<br/>Greasing set + maintenance set</b>                               |   |                              |    |  |   |

# HOLMATRO PREMIUM SERVICE PROGRAM

## Our service network, your benefit!

You wish to service your Holmatro Tools? Find your nearest Holmatro Premium Service Center by scanning the QR code.



*'The Holmatro's Premium Service center helps Bronneberg to be successful! Not only in selling high-pressure hydraulic cutting tools, but also in being a true, reliable partner for our customers. A big advantage of the Holmatro Premium Service Center is the way how we are able to test the equipment. Holmatro has developed a Premium Service Center specially for industrial cutting tools. This results in a safer way of working for both our employees and customers, leading to more long-term relationships.'*

*Michiel Jegering, CEO Bronneberg*

## DO YOU FEEL THE PRESSURE TO WORK SAFE?

Lift a load of 20,000 kg with a cylinder of just 2,6 kg. move a load of 500,000 kg horizontally, or cut a 220kV underground cable with a diameter of 160 mm with a portable cutter. At Holmatro it is all about controlled power. What initially seems unimportant and small, can have far reaching effects due to high pressure hydraulics. Keep your tools in safe and reliable condition. Scan the QR code for more safety information.



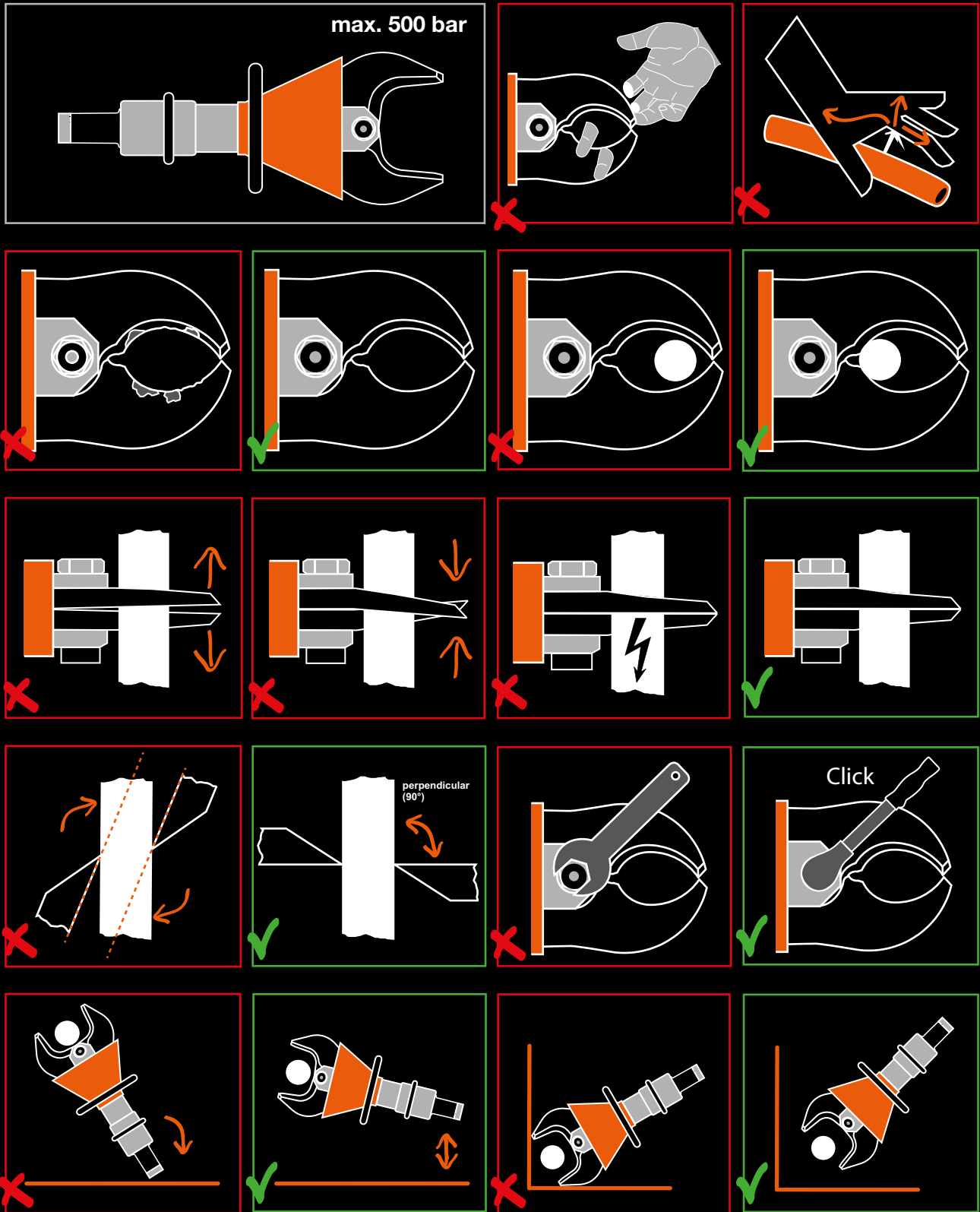
holmatro  
testteam

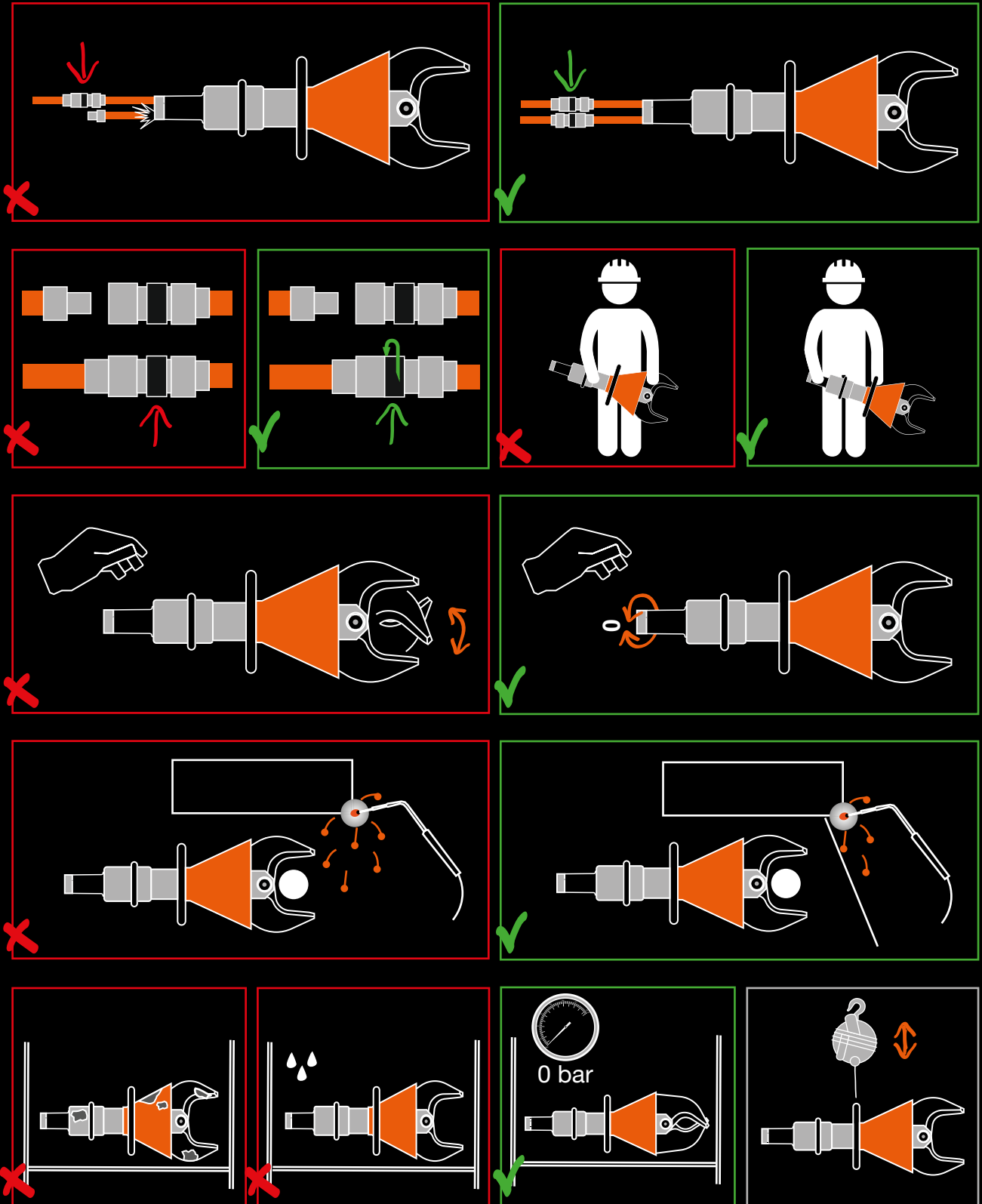
### Be inspired by the Holmatro Testteam

The Holmatro Testteam gives an animated look of working with high pressure hydraulics. Check our Testteam videos on youtube by scanning the QR code.



# SAFETY GUIDE | Hydraulic cutters





**YOUR PARTNER  
IN HIGH-PRESSURE  
HYDRAULICS**

# HOLMATRO INDUSTRIAL EQUIPMENT

## Your partner in high-pressure hydraulics

### Our DNA

- A Dutch manufacturer of high-pressure hydraulics with +55 years of experience
- Application knowledge is key
- We believe in the power of joint success

### Product range

- A reliable and sustainable range of high-quality, high-pressure tools
- Based on innovative, in-house engineering and the latest technologies

### Service & Support

- A complete service & aftersales program
- To ensure a longer lifespan of your products
- Reduce downtime
- Focus on increasing safety for your customers and employees and creating safety awareness in the market
- Compatible with current safety directives and regulations
- A "Ready for use" service concept



Thanks to our worldwide partner network there's always a Holmatro partner nearby, ready to assist you!

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