



ASSEMBLY EQUIPMENT 2026



INTRODUCTION

“At Ryco we design, manufacture, and supply premium quality and cutting-edge fluid transfer products, and solutions for a large range of industries around the world.”



Our experienced Research & Development team take 2D drawings to 3D models to real life products.



Our world-class hoses, fittings and assembly equipment are manufactured in-house to the highest standards.



We test and validate our products to meet and exceed technical industry standards.



We provide the complete solution: hoses, fittings, crimping parameters and assembly equipment for a fully integrated system.



We supply fluid conveyance solutions directly to our customers whenever and wherever they are.

Ryco Hydraulics started manufacturing hoses and fittings in 1946. As the hydraulics industry evolved, the company expanded its range, and the main product line soon became high-pressure hydraulic hose and fittings. Today, Ryco Hydraulics is known for its engineering excellence, customer-focus, and highest quality products which continue to attract new customers, from varied industries right across the world.

With a comprehensive range of hydraulic hoses, hydraulic couplings, industrial hoses, and assembly equipment, Ryco is a global leader in designing, manufacturing, and distributing fluid transfer solutions.

Ryco Hydraulics' products not only meet but exceed industry standards, ensuring maximum performance and reliability. From open-pit and underground mining, to construction, agriculture, marine, forestry and oil & gas industries, our hose assemblies are trusted by clients worldwide.

Whether it's our hoses, fittings, or assembly machines, at Ryco Hydraulics we do more than simply supply a product; we understand our success is dependent on our clients' success, safety, and quality.

With a global presence and a focus on local service, we are dedicated to empowering various industries with reliable, high-performance fluid products and systems tailored to our customer's unique needs.



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INSERT PUSHING MACHINES

MARKING MACHINES

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The Ryco Equipment range supports every stage of the hose assembly process, supplying machinery suited to workshop, mobile service, and production environments. Each machine is designed to operate in line with genuine Ryco hose and fitting specifications, supporting consistent assembly standards.

A high-quality hose assembly begins with accurate preparation. Ryco cutting machines deliver clean, perpendicular hose cuts, while skiving machines provide precise removal of hose layers where required to ensure correct fitting engagement and strong assembly performance.

Ryco crimping machines are engineered to deliver accurate, repeatable results in line with Ryco specifications. Insert pushing machines ensure correct fitting insertion prior to crimping, supporting consistency throughout the assembly process.

Once assembled, pressure testing machines allow hoses to undergo proof pressure testing in a controlled environment to verify performance.

Additionally, complementary products for our Ryco Crimping Machines, include but not limited to maintenance kits, pumps, quick change guns, marking dies and more.

The full Ryco Assembly Equipment portfolio provides practical, reliable support for safe and consistent hose assembly in workshop and field environments.

SAFETY GUIDE: DON'T MIX & MATCH

Ryco hose and fitting products must be assembled in strict accordance with Ryco instructions and limitations. Don't mix and match: always use Ryco original hoses and fittings. Ryco hose, fittings, and assembling machines are tested as an effective and reliable system. The use of different products and machines will affect and nullify any representation and/or warranty on products, their features and/or performance that may have been provided, and may cause premature hose failures, property damage, serious injury or death for which Ryco does not assume any responsibility and/or liability at any title whatsoever. Inside our Digital Crimp Tools, you can find the only official technical crimping parameters relating to our products and/or services. Therefore, please be sure to use the latest version of our Crimp App and Web Tool.

RYCO MAKES NO REPRESENTATIONS AND/OR WARRANTIES, EXPRESS OR IMPLIED, AND ASSUMES NO RESPONSIBILITY AND/OR LIABILITY FOR ANY LOSS OR DAMAGE, WHETHER DIRECT, INDIRECT, CONSEQUENTIAL OR INCIDENTAL WHICH MIGHT ARISE OUT FROM, OR IN CONNECTION WITH, IMPROPER AND/OR INCORRECT USE OF ITS PRODUCTS AND/OR ASSEMBLY EQUIPMENT OR FROM ANY USE OF CRIMPED HOSE ASSEMBLIES NOT PRODUCED FROM GENUINE RYCO HOSE FITTINGS, HOSE AND EQUIPMENT, AND, IN GENERAL, NOT IN ACCORDANCE WITH OUR PROCESS SPECIFICATIONS FOR EACH SPECIFIC PRODUCT AND/OR ASSEMBLY EQUIPMENT.

DISCLAIMER

We reserve the right to modify our products and/or related services and/or discontinue the manufacture and/or supply of any of the products and/or related services, without notice. No product is warranted as being fit for a particular purpose and we do not assume any liability in connection with the use of our products other than those technically approved in writing by us, or specified in the relevant official technical specifications released by us, for specific products. This document supersedes all previous versions and previously issued documentation. The only official source of technical crimping parameters regarding our products is our Digital Crimp Tools. Printed copies are uncontrolled therefore, please be sure to use the latest versions of our [Ryco Crimp App](#) or visit our [Crimp Web Tool](#). For more information, please visit our dedicated 'Contact' page on the [Ryco's website](#).



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CUTTING MACHINES



Our dedicated range of hose cutting machines produce a high-quality cut even through the toughest hose structures. With a selection of cutting blade styles available, there's no job that our cutting machines can't cope with.

CUTTING MACHINES

RY 22 CUT / RY 22 CUT V

STARTER WORKSHOP
BENCHTOP MOBILE CUTTING MACHINE

KEY FEATURES:

- Smooth bending system
- 90° cut
- Clean cut
- Scalloped blade
- Dust collector included
- Multiple voltage options



STANDARD EQUIPMENT:



Scalloped Blade



Dust Collector

TECHNICAL SPECIFICATIONS:

| | |
|--------------------------------------|---|
| CAPACITY | DIMENSIONS |
| 2wb: 1½" max. | 630 x 485 x 650 mm |
| 4ws: 1½" max. | (25 x 19 x 26") |
| ROTATION SPEED | PACKAGING |
| 3000 rpm | 800 x 600 x 830 mm |
| SCALLOPED BLADE DIAMETER | (31 x 24 x 33") |
| 254 mm (10") included | NET WEIGHT |
| MAX HOSE OD. | 42 kg (93 lb) |
| 50 mm (1.969") | GROSS WEIGHT |
| MOTOR | 58 kg (128 lb) |
| 2.2 kW | TECHNICAL FEATURES |
| VOLTAGES | Dimensions van type machine: 488 x 630 x 650 mm (19.2 x 24.8 x 25.6"); 38 kg (84 lb) |
| 220/240 V, 1Ph, 50/60 Hz | Single-phase S3 25% service factor. |
| 380/415 V, 3Ph, 50 Hz | |
| 110 V, 1Ph, 60Hz | |
| 208/240 V, 3Ph, 60 Hz | |
| 12/24 V also available upon request. | |

OPTIONAL:



Battery



Slotted Blade



Smoke Extractor
*except version 12/24V

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CUTTING MACHINES

RY 30 CUT ECO

STARTER & PROFESSIONAL WORKSHOP
BENCHTOP CUTTING MACHINE, OPTIONAL SKIVING

KEY FEATURES:

- Compact design
- Easy and safe to use
- Versatile, scalloped blade for high performance and efficient cutting with minimal smoke



STANDARD EQUIPMENT:



Scalloped Blade

TECHNICAL SPECIFICATIONS:

| | |
|---------------------------------|-------------------------------------|
| CAPACITY | VOLTAGES |
| 2wb: 2" max. | 220/240 V, 1Ph, 50/60 Hz |
| 4ws: 2" max. | 220/240 V, 3Ph, 50 Hz |
| 6ws: 1½" max. | 380/415 V, 3Ph, 50 Hz |
| Industrial: 2" max. | 208/240 V, 3Ph, 60 Hz |
| ROTATION SPEED | Other voltages available on request |
| 3000 rpm | DIMENSIONS |
| SCALLOPED BLADE DIAMETER | 835 x 545 x 640 mm |
| 300 mm (11.8") | (33 x 21 x 25") |
| MAX HOSE OD. | PACKAGING |
| 85 mm (3.346") | 1170 x 770 x 1100 mm |
| MOTOR | (46 x 30 x 43") |
| 3.0 kW | NET WEIGHT |
| | 75 kg (165 lb) |
| | GROSS WEIGHT |
| | 90 kg (198 lb) |

OPTIONAL:



Cutting Rail



Slotted Blade



Smoke Extractor
*except version 12/24V

CUTTING MACHINES

RY 30 CUT L

STARTER & PROFESSIONAL WORKSHOP
STAND TYPE CUTTING MACHINE

KEY FEATURES:

- Compact design
- Easy and safe to use
- Scalped blade for clean cut
- High performance and efficient cutting with minimal smoke
- Ergonomic, easy to clean
- Integrated dust collector



STANDARD EQUIPMENT:



Scalped Blade



Smoke Suction Connector



2 Dust Collectors

TECHNICAL SPECIFICATIONS:

| | |
|---------------------------------|-------------------------------------|
| CAPACITY | VOLTAGES |
| 2wb: 2" max. | 220/240 V, 3Ph, 50 Hz |
| 4ws: 2" max. | 380/415 V, 3Ph, 50 Hz |
| 6ws: 1½" max. | 208/240 V, 3Ph, 60 Hz |
| Industrial: 2" max. | Other voltages available on request |
| ROTATION SPEED | DIMENSIONS |
| 3000 rpm | 765 x 500 x 1150 mm |
| SCALLOPED BLADE DIAMETER | (30 x 20 x 45") |
| 300 mm (11.8") | PACKAGING |
| MAX HOSE OD. | 800 x 600 x 1200 mm |
| 85 mm (3.346") | (32 x 24 x 47") |
| MOTOR | NET WEIGHT |
| 3.0 kW | 92 kg (203 lb) |
| | GROSS WEIGHT |
| | 120 kg (265 lb) |

Single-phase S3 25% service factor.

OPTIONAL:



Cutting Rail



Slotted Blade



Smoke Extractor
*except version 12/24V

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CUTTING MACHINES

RY 30 CUT & SKIVE

STARTER & PROFESSIONAL WORKSHOP
BENCHTOP CUTTING MACHINE, OPTIONAL SKIVING

KEY FEATURES:

- Compact design
- Two operations in one machine
- Easy and safe to use
- Versatile, scalloped blade for high performance and efficient cutting with minimal smoke
- Dust free skive operation (drawers for dust collection)
- Electronic brake



STANDARD EQUIPMENT:



Scalloped Blade



2 Dust Collectors

TECHNICAL SPECIFICATIONS:

| | |
|---------------------------------|---------------------------------------|
| CAPACITY | VOLTAGES |
| 2wb: 2" max. | 220/240 V, 1Ph, 50/60 Hz |
| 4ws: 2" max. | 220/240 V, 3Ph, 50 Hz |
| 6ws: 1½" max. | 380/415 V, 3Ph, 50 Hz |
| Industrial: 2" max. | 208/240 V, 3Ph, 60 Hz |
| | Other voltages available on request. |
| ROTATION SPEED (CUT) | DIMENSIONS |
| 3000 rpm | 835 x 545 x 640 mm (33 x 21 x 25") |
| ROTATION SPEED (SKIVE) | |
| 200 rpm | |
| SCALLOPED BLADE DIAMETER | PACKAGING |
| 300 mm (11.8") | 1170 x 770 x 1100 mm |
| MAX HOSE OD. | 46 x 30 x 43" |
| 85 mm (3.34") | NET WEIGHT |
| MOTOR | 85 kg (187 lb) |
| 2.2 kW | GROSS WEIGHT |
| | 100 kg (220 lb) |

OPTIONAL:



Cutting Rail



Tool Kit ESE



Smoke Extractor
*except version 12/24V



Tool Kit IS

TECHNICAL FEATURES

Skiving tools for External Skiving (ESE) and for Internal Skiving (IS) to be ordered separately.

CUTTING MACHINES

RY 55 CUT L

BASIC AND PROFESSIONAL
WORKSHOP CUTTING MACHINE

KEY FEATURES:

- Compact design
- Easy and safe to use
- Scalloped blade for clean cut
- High performance and efficient cutting with minimal smoke
- Ergonomic, easy to clean
- Integrated dust collector



STANDARD EQUIPMENT:



Slotted Blade



Smoke Suction Connector



2 Dust Collectors

TECHNICAL SPECIFICATIONS:

| | |
|---------------------------------|--|
| CAPACITY* | VOLTAGES |
| 2wb: 3" max. | 220/240 V, 3Ph, 50 Hz |
| 4ws: 2-1/2" max. | 380/415 V, 3Ph, 50 Hz |
| 6ws: 2" max. | 208/240 V, 3Ph, 60 Hz |
| Industrial: 3" max. | Other voltages available on request |
| ROTATION SPEED | DIMENSIONS |
| 3000 rpm | 830 x 520 x 1160 mm |
| SCALLOPED BLADE DIAMETER | (33 x 20 x 46") |
| 400 mm (15.7") | TECHNICAL SPECIFICATIONS: |
| MAX HOSE OD. | Diameter of suction connector : 125 mm (5") |
| 95 mm (3.74") | NET WEIGHT |
| MOTOR | 135 kg (298 lb) |
| 5.5 kW | |

OPTIONAL:



Cutting Rail



Scalloped Blade



Smoke Extractor
*except version 12/24V



Decoiler



DV 32



Smooth Blade

* Indicative capacities depending on hose type.

Single-phase S3 25% service factor.

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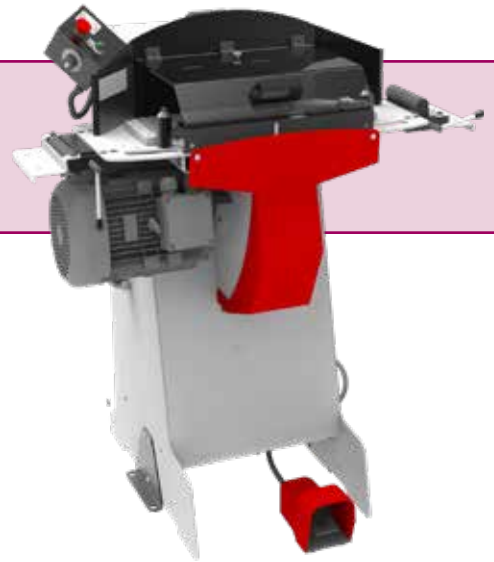
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CUTTING MACHINES

RY 55 CUT PNEUMATIC

EXPERT SERVICE LINE
STAND TYPE CUTTING MACHINE



Classic Version

KEY FEATURES:

- Versatile, slotted blade for high performance with minimal smoke
- Ergonomic and functional design
- Double foot pedal system
- Safety cover and feeding guides for hose (easy and fast cutting operation)
- Digital counter for maintenance assistance
- Adjustable speed for cutting on pneumatic version

STANDARD EQUIPMENT:



Slotted Blade



Smoke Suction Connector



2 Dust Collectors



Dust Collector

TECHNICAL SPECIFICATIONS:

| CAPACITY* | VOLTAGES |
|--|--|
| 2wb: 3" max. | 220/240 V, 3Ph, 50 Hz |
| 4ws: 2" max. | 380/415 V, 3Ph, 50 Hz |
| 6ws: 2" max. | 208/240 V, 3Ph, 60 Hz |
| Industrial: 2" | Other voltages available on request |
| ROTATION SPEED | DIMENSIONS |
| 3000 rpm | 1140 x 1000 x 1280 mm (45 x 39 x 50") |
| SCALLOPED BLADE DIAMETER | PACKAGING |
| 400 mm (15.7") | 1600 x 1200 x 1600 mm (63 x 47 x 63") |
| MAX HOSE OD. | NET WEIGHT |
| 80 mm (3.15") | 240 kg (529 lb) |
| MOTOR | GROSS WEIGHT |
| 7.5 kW | 280 kg (617 lb) |
| TECHNICAL FEATURES | |
| Diameter of the suction connection: 150 mm (6") | |
| Options: Pneumatic bending system, scalloped blade | |

OPTIONAL:



Cutting Rail



Smooth Blade



Smoke Extractor
*except version 12/24V



Decoiler



DV 32

* Indicative capacities depending on hose type.

CUTTING MACHINES

RY 75 CUT PNEUMATIC

EXPERT SERVICE LINE
STAND TYPE CUTTING MACHINE

KEY FEATURES:

- Very powerful
- Heavy duty for difficult cuts
- Resistant for extreme cuts
- New design:
 - Easy maintenance
 - Efficiency for smoke extraction
- Motor brake
- Pneumatic version (option)
- Option for industrial hose:
 - Blade 540 mm for hoses with external OD max 150 mm



Manual Version



Pneumatic Version

STANDARD EQUIPMENT:



Slotted Blade

TECHNICAL SPECIFICATIONS:

| CAPACITY* | VOLTAGES |
|--------------------------|---|
| 2wb: 3" max. | 220/240 V, 3Ph, 50 Hz |
| 4ws: 2" max. | 380/415 V, 3Ph, 50 Hz |
| 6ws: 2" max.* | 208/240 V, 3Ph, 60 Hz |
| ROTATION SPEED | DIMENSIONS |
| 3000 rpm | 910 x 820 x 1280 mm |
| SCALLOPED BLADE DIAMETER | (36 x 32 x 50") |
| 520 mm (20.5") included | NET WEIGHT |
| MAX HOSE OD. | 215 kg (474 lb) |
| 125 mm (5")** | TECHNICAL FEATURES |
| MOTOR | Diameter of suction connection: 130 mm Electronic soft start |
| 7.5 kW | Optional tool: ² Pneumatic version Other blade on demand |

*Minimum air pressure : 9,5 bar

**150 mm with blade option 540 mm

OPTIONAL:



Cutting Rail



Smooth Blade



Smoke Extractor



Decoiler



DV 32

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RY 90 CUT

EXPERT SERVICE LINE
STAND TYPE CUTTING MACHINE



KEY FEATURES:

- Very powerful
- Heavy duty for difficult cuts
- Hydraulic bending
- Motor brake
- Electronic soft start
- Smoke suction integrated in cutting table

STANDARD EQUIPMENT:



Slotted Blade



Smoke Suction Connector



Production Counters



CME Electrical Footswitch

TECHNICAL SPECIFICATIONS:

| CAPACITY* | VOLTAGES |
|--------------------------|--|
| 2ws: 3 1/2" max. | 220/240 V, 3Ph, 50 Hz |
| 4ws: 3 1/2" max. | 380/415 V, 3Ph, 50 Hz |
| 6ws: 3" max. | 208/240 V, 3Ph, 60 Hz |
| Industrial: 5" max. | |
| ROTATION SPEED | DIMENSIONS |
| 3000 rpm | 1000 x 1060 x 1350 mm (39 x 42 x 53") |
| SCALLOPED BLADE DIAMETER | NET WEIGHT |
| 520 mm (20.5") included | 260 kg (573 lb) |
| MAX HOSE OD. | |
| 125 mm (5") | |
| MOTOR | |
| 9.0 kW | |

* Indicative capacities depending on hose type.

OPTIONAL:



Cutting Rail



DV 32



Smoke Extractor
*except version 12/24V



Decoiler

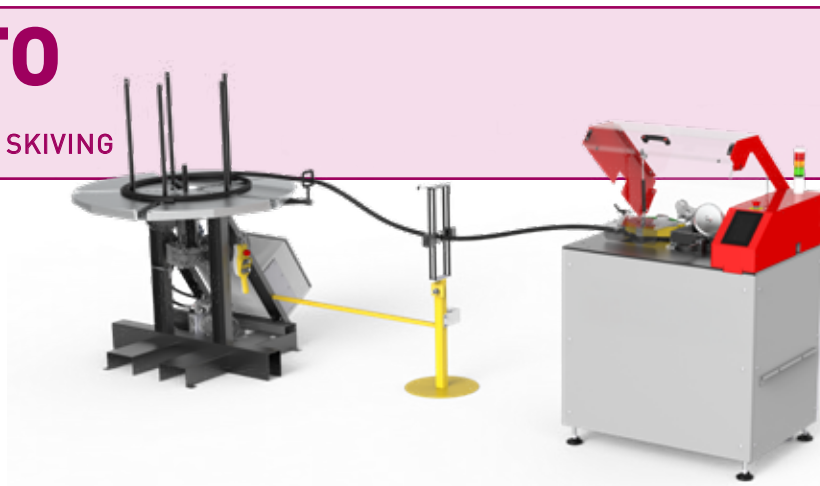
CUTTING MACHINES

RY 40 CUT AUTO

STARTER & PROFESSIONAL WORKSHOP
BENCHTOP CUTTING MACHINE, OPTIONAL SKIVING

KEY FEATURES:

- Provided with its own automatic and tiltable decoiler, the M 40 CUT AUTO is the ideal tool for OEM hose assemblers.
- Featured with 4 feeding tubes for hydraulic hoses with OD up to 1" 4SP, and an infinite number of cutting operations, it enables a fast, easy and accurate production process.



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TECHNICAL SPECIFICATIONS:

| | |
|-------------------------------|---------------------------|
| MOTOR | VOLTAGE |
| 1.6 kW | 380/415V - 3Ph - 50/60 Hz |
| TILTING | DIMENSIONS |
| 0 - 90° | 1400 x 1250* x 1600 mm |
| PLATE DIAMETER | WEIGHT |
| 1200 mm | 310 kg |
| MAXIMUM LOAD | ROTATION SPEED |
| 250 kg | 0-60 tr/min |
| COIL INTERNAL DIAMETER | |
| 200 - 600 mm | |

*2300 mm with automatic tensioner.

CUTTING SPECIFICATIONS:

| | |
|--|---------------------------|
| FEEDING TUBES INTERNAL DIAMETER | |
| 11 mm - 3/16" 1SN max. | 31 mm - 3/4" 2SN max. |
| 21 mm - 1/2" 2SN max. | 41 mm - 1" 4SP max. |
| SLOTTED* BLADE DIAMETER | |
| 400 mm | |
| MOTOR | VOLTAGE |
| 4.5 kW | 380/415V - 3Ph - 50/60 Hz |
| MINIMUM CUTTING LENGTH | |
| 150 mm | |
| FEEDING SPEED | ACCURACY |
| 0.5 m/s | ± 1 % |
| MINIMUM AIR PRESSURE | |
| 6 bar | |
| WEIGHT | DIMENSIONS |
| 380 kg | 1100 x 800 x 1500 mm |

*Smooth blade available

INSERT PUSHING MACHINES

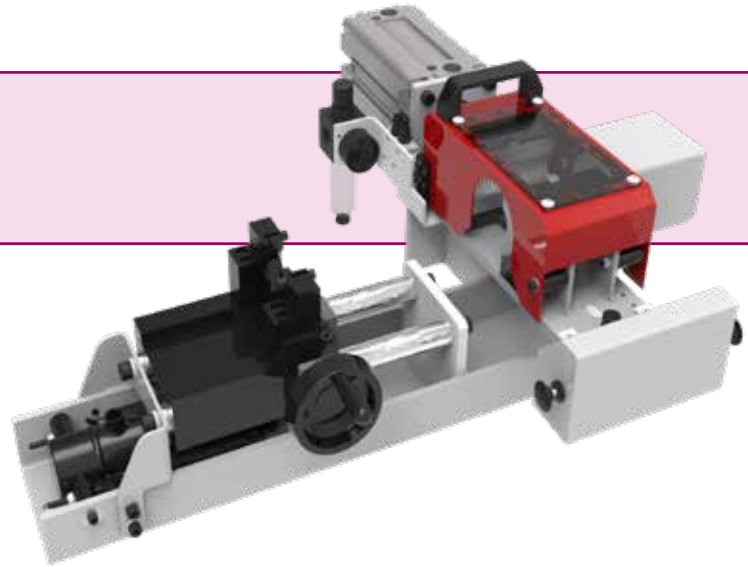


Our insert pushing equipment takes the effort and uncertainty out of building hose assemblies by making sure that fittings are fully inserted prior to crimping.

INSERT PUSHING MACHINES

RY 1500 INS

MAINTENANCE WORKSHOP
VERTICAL BENCHTOP



KEY FEATURES:

- Compact
- Sturdy
- Powerful

STANDARD EQUIPMENT:



Hydro-Pneumatic Pump

TECHNICAL SPECIFICATIONS:

CAPACITY

2wb: 2" max.

4ws: 2" max.

6ws: 2" max.

DIMENSIONS

750 x 660 x 300 mm

(30 x 26 x 12")

NET WEIGHT

70 kg (154 lb)

POWER SUPPLY

Compressed air (7 bar)

TECHNICAL FEATURES

Optional tool: for small bore ¼", ", ½" shell

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INSERT PUSHING MACHINES

RY 2000 INS

EXPERT SERVICE LINE
BENCHTOP COUPLING INSERTER

KEY FEATURES:

- Compact
- Sturdy
- Powerful hydraulic cylinder
- Insert centring device
- Joystick operated clamping and insertion



Hydraulic Manual Version

TECHNICAL SPECIFICATIONS:

CAPACITY

6ws: 3/4" - 2" with special tool

6ws: 2" - 4"

Industrial: 6"

INSERTION SPEED*

28 mm/s

INSERTION STROKE

300 mm

INSERTION FORCE

2 000 daN

POWER*

1.5 kW

DIMENSIONS

800 x 500 x 900 mm

(31 x 20 x 35")

VOLTAGES

380/415, 3 Ph, 50 Hz

MAXIMUM FLANGE

250 mm

CLAMPING LENGTH

200 mm

NET WEIGHT

150 kg (330 lb)

ISOBARIC HOSE

1/2 BEND RADIUS

MILLION CYCLE

PERFORMANCE AT A GLANCE:

H SERIES ISOBARIC SPIRAL HOSE

- Half SAE minimum bend radius.
- Highly flexible for easier routing and installation.
- Isobaric pressure from 215 bar/3100 psi (H3000) to 420 bar/6100 psi (H6000).
- Lighter weight means your hydraulic system is more compact and economical.
- 81 products in the H series Spiral range.
- Includes "World First" H6032 2" (DN51) hose.

T SERIES ISOBARIC BRAID HOSE

- Half SAE minimum bend radius.
- Highly flexible for easier routing and installation.
- Isobaric pressure from 215 bar/3100 psi (T3000) to 420 bar/6100 psi (T6000).
- Lighter weight means your hydraulic system is more compact and economical.
- 81 products in the T series Braid hose range.
- T3000 Braid is proven to impulse test of one million cycles in all sizes.
- Meets and exceeds the performance requirements of ISO 18752 (all series).

MARKING MACHINES



Ensure full traceability with our ferrule marking equipment, complete with a full set of alpha-numeric and additional character punches.

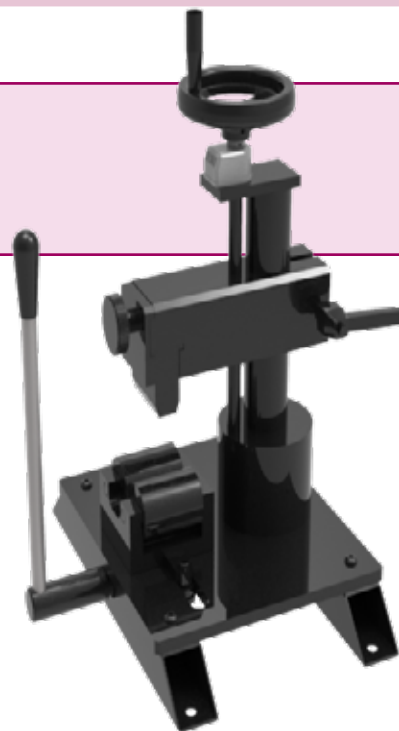
MAKING MACHINES

RY 50 MARK

AFTER MARKET SERVICE
BENCHTOP, FERRULE MARKING

KEY FEATURES:

- Robust
- Easy to use
- Compact
- Large space for 14 stamps
- Stamp holder with numbering wheel; 3 figures on the wheel + 1 groove for stamps



TECHNICAL SPECIFICATIONS:

| | |
|------------------------------|---|
| CAPACITY | SIZE OF THE STAMPS |
| 2wb: 4" max. | 6 x 3 mm |
| 4ws: 4" max. | (0.236 x 0.118") |
| DIMENSIONS | HEIGHT OF THE LETTERS |
| 390 x 360 x 520 mm | 2.5 mm |
| (15 x 14 x 20") | (0.098") |
| PACKAGING | TECHNICAL FEATURES |
| 800 x 600 x 830 mm | Optional stamp holder with numbering wheel: 3 figures on the wheel and one groove for 10 stamps |
| (31 x 24 x 33") | |
| NET WEIGHT | STAMP BOX |
| 34 kg (75 lb) | Includes stamp box of 100 stamps & 20 blanks |
| GROSS WEIGHT | |
| 50 kg (110 lb) | |
| STANDARD STAMP HOLDER | |
| 2 x 14 stamps | |

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CRIMPING MACHINES EVO RANGE



Our crimping machines come in a variety of sizes and capacities, making them ideal for everything from one-off, small bore maintenance jobs to full scale assembly production operations.

CRIMPING MACHINES EVO RANGE

Ryco Hydraulics is always on the lookout for ways to improve both the efficiency and the quality of new and existing production operations.

As a market leader in assembly machines, we wanted to offer new crimping machines to improve the operator's comfort, giving more flexibility when assembling hoses. This led to the creation of the new EVO crimping machines.

These machines combine the robustness required for harsh environments with the reliability needed for busy workshops. Their compact and ergonomic design, along with the ease of set up and maintenance, make them suitable for a variety of applications.

This extensive range is highly adaptable, with various options available allowing users to customise their machine according to their specific needs.



- Extensive range for both industrial and hydraulic hoses.
- 137, 240, 350 and 420 tonnes variants
- From 3/16 up to 4" hose diameter
- 3 kW, 4 kW and 5,5 kW motor for 1 Ph/3Ph



- SC panel - Smart Control panel. Daily counter. Semi-automatic opening.
- SCE panel - electronic micrometer with the ability to save up to 75 configurations
- Caliper connected and numerical display of the crimping range on SCE and SCS
- SCS panel - Safe Crimp System



- Compact and ergonomic design
- Easy set up
- Various options available depending on our customers' needs and workshops



- Robust
- Ease of maintenance (foam pads and dust collector)
- Compatibility with all tensions (different frequencies)

SAFE CRIMP OPTIONS

SAFE CRIMP (SC) SMART CONTROL PANEL

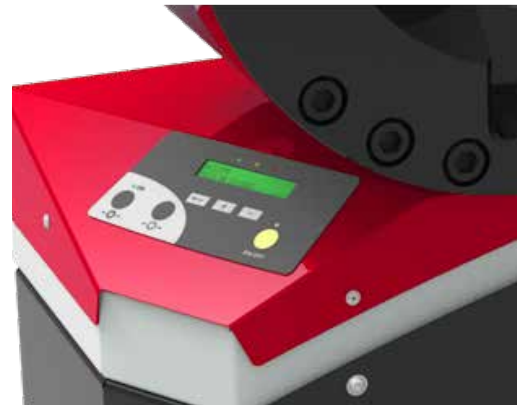
A basic smart control panel, which includes maintenance functions essential for keeping the machine in good condition.

Maintenance functions include:

2 Counters: 1 daily counter and 1 machine cycle counter

3 LED Indicator Lights: 1 for daily maintenance, 1 for advanced maintenance and 1 for expert maintenance

Semi-Automatic Function: The semi-automatic opening is ideal for serial assemblies as it can be adjusted specifically to allow the fitting to pass through the dies with minimal clearance, saving energy by reducing the cycle time.



SAFE CRIMP ELECTRICAL PANEL (SCE)

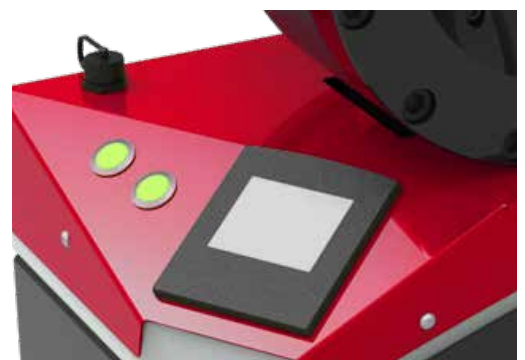
A modern touch screen with electronic buttons, which includes maintenance functions essential for keeping the machine in good condition.

Maintenance functions include:

Functions of the SC

Electronic micrometer: with the possibility to save up to 75 hose configurations and automatic die selection. Recording of 35 die-sets

Caliper option: for automatic correction of the crimping diameter



SAFE CRIMP OPTIONS

SAFE CRIMP SYSTEM (SCS)



Benefits of Safe Crimp System (SCS) control for hose assembly activity:

Friendly and easy setting of crimping parameters including:

- Pre-set of crimp Ø calibration to compensate ferrule elastic rebound
- Reminder of dies to be used
- Easy automatic opening setting
- Storage of recurrent and customised crimp recipes: favourite crimp assemblies:
- Short cuts for faster setting
- No crimp Ø re-adjusting
- Possibility to download your customised recipes by USB port and save on separate computer (CSV file)

Production counter for batch quantity control:

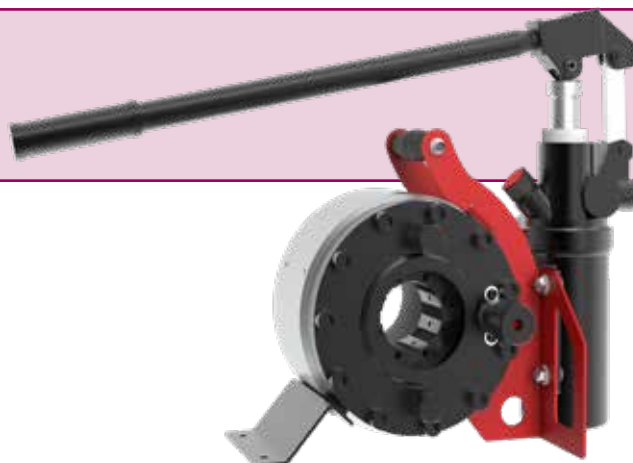
- Quality monitoring through automatic crimp control
(Available on certain production and industrial machines)
- Continuous measurement of crimping pressure with real time display (Available on certain production and industrial machines / Optional on benchtop machine screens)
- Countdown of crimps to be performed, monitored according to the preset pressure range
(Available on certain production and industrial machines / Optional on benchtop machine screens)
- Operator identification (Log in / log out)
- Maintenance Warnings

ASSEMBLY EQUIPMENT

HAND CRIMPERS

RY 80 HP EVO

MAINTENANCE WORKSHOP
VERTICAL BENCHTOP



KEY FEATURES:

- Compact
- Lightweight
- Easy to use
- Balanced design
- Dual stage pump

TECHNICAL SPECIFICATIONS:

| | |
|------------------------------|------------------------------------|
| CAPACITY* | DIMENSIONS |
| 2wb: 1" max. | 360 x 270 x 390 mm |
| 4ws: ½" max. | (14 x 11 x 15") |
| CRIMP RANGE | PACKAGING |
| 6 - 43 mm (0.236 - 1.693") | 800 x 600 x 830 mm |
| CRIMP FORCE | (31 x 24 x 33") |
| 80 t | NET WEIGHT |
| OPENING WITH DIES | 26 kg (57 lb) |
| +20 mm (+0.787") | GROSS WEIGHT |
| COMPLETE OPENING | 39 kg (86 lb) |
| 59 mm (2.323") | TECHNICAL FEATURES |
| MASTER DIE LENGTH | Hand pump: 5000 psi (double speed) |
| 56 mm (2.205") | |
| STANDARD DIES | |
| 16, 18, 20, 22, 24, 27, 30** | |

*Indicative capacities depending on hose and fitting type

** Master-dies used as dies set N°39

OPTIONAL:



Maintenance Kits

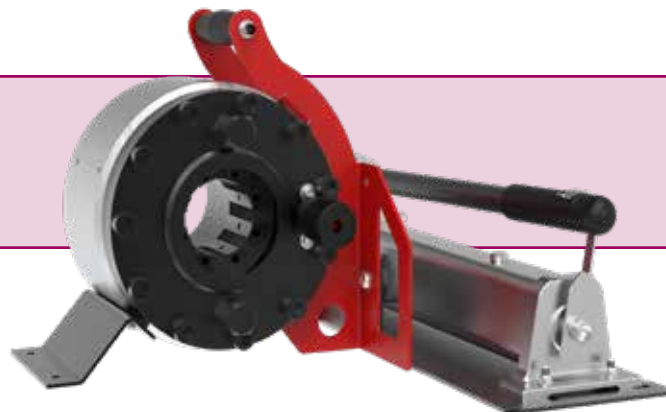


Hydro-Pneumatic Pump

HAND CRIMPERS

RY 110 HP EVO

MAINTENANCE WORKSHOP
VERTICAL BENCHTOP



KEY FEATURES:

- Flexible
- Portable
- Robust (protected narrow head)
- Multi-positioning (with removable plate)

OTHER VERSION AVAILABLE



Head Only Version



Magnet Version

TECHNICAL SPECIFICATIONS:

| | |
|----------------------------------|------------------------------|
| CAPACITY* | DIMENSIONS |
| 2wb: 1" max. | 289 x 237 x 270 mm |
| 4ws: ½" max. | (11 x 9 x 10") |
| CRIMP RANGE | PACKAGING |
| 6 - 43 mm (0.236 - 1.693") | 800 x 600 x 830 mm |
| CRIMP FORCE | (31 x 24 x 33") |
| 110 t | NET WEIGHT |
| OPENING WITH DIES | 29 kg (63 lb) |
| +20 mm (+0.787") | Magnet version: 30kg (66 lb) |
| COMPLETE OPENING | WEIGHT (HEAD ONLY) |
| 59 mm (2.323") | 21 kg (46 lbs) |
| MASTER DIE LENGTH | |
| 60 mm (2.362") | |
| STANDARD DIES | |
| 16, 18, 20, 22, 24, 27, 30, 39** | |

*Indicative capacities depending on hose and fitting type

** Master-dies used as dies set N°39

OPTIONAL:



Maintenance Kits



Hydro-Pneumatic Pump

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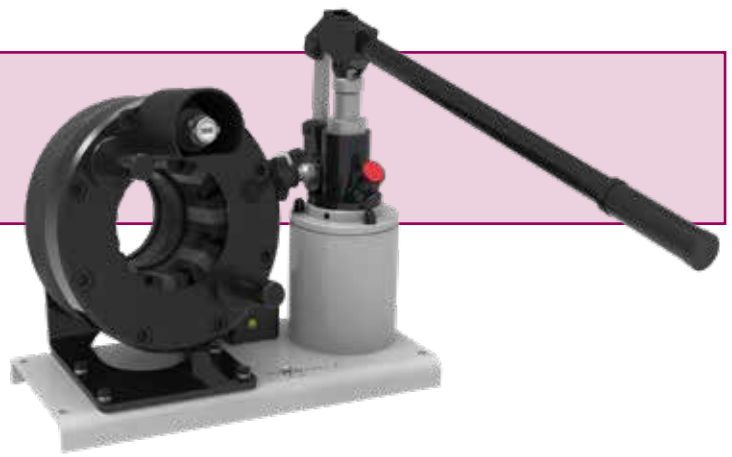
INDUSTRIAL
MACHINES

ASSEMBLY EQUIPMENT

HAND CRIMPERS

RY 137 HP

MAINTENANCE WORKSHOP
VERTICAL BENCHTOP



KEY FEATURES:

- High capacity
- Narrow head
- Audio-visual signal
- 350 bar technology robust & reliable
- Large opening

TECHNICAL SPECIFICATIONS:

| | |
|--|---------------------|
| CAPACITY* | DIMENSIONS |
| 2wb / 4ws: 1"½ max. | 480 x 250 x 340 mm |
| Industrial: 1"1/2 max. | (19 x 10 x 13") |
| CRIMP RANGE | PACKAGING |
| 4-70 mm (0.157 - 2.756") | 800 x 600 x 830 mm |
| CRIMP FORCE | (31 x 24 x 33") |
| 137 t | NET WEIGHT |
| OPENING WITH DIES | 55 kg (121 lb) |
| +28 mm (+1.102") | GROSS WEIGHT |
| COMPLETE OPENING | 75 kg (165 lb) |
| 108 mm (4,252") | |
| MASTER DIE LENGTH | |
| 75 mm (2.953") | |
| STANDARD DIES | |
| 14, 16, 18, 20, 22, 24, 27, 30, 33, 36, 39, 42, 45, 48, 51 and Refrifast dies 14, 18, 21 | |

*Indicative capacities depending on hose and fitting type.

OPTIONAL:



Maintenance Kits



Die Storage Panel



Aluminium Quick Change Gun



Die Sets for Brake & Air Conditioning Hoses



Die Storage Table



Marking Dies



Hydro-pneumatic Pump

ELECTRIC CRIMPERS

RY 70 EVO R

MAINTENANCE WORKSHOP
VERTICAL BENCHTOP

KEY FEATURES:

- Ergonomically positioned adjustable head
- Axis of the head situated perpendicular to the operator
- Compact



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TECHNICAL SPECIFICATIONS:

| | |
|--|-------------------------------------|
| CAPACITY* | MOTOR |
| 2wb: 1" max. | 2.2 kW |
| 4ws: 3/4" max. | VOLTAGES |
| CRIMP RANGE | 220/240 V, 1Ph, 50 Hz |
| 6 - 43 mm (0.236 - 1.692") | 380/415V, 3Ph + N, 50Hz |
| CRIMP FORCE | Other voltages available on request |
| 70 t | DIMENSIONS |
| OPENING WITH DIES | 360 x 530 x 620 mm |
| +20 mm (+0.787") | (14 x 21 x 25") |
| COMPLETE OPENING | NET WEIGHT |
| 59 mm (2.323") | 58 kg (128 lb) |
| MASTER DIE LENGTH | GROSS WEIGHT |
| 60 mm (2.362") | 71 kg (156 lb) |
| STANDARD DIES | |
| 06, 08, 10, 12, 15, 18, 21, 24, 27, 30. | |
| NOISE LEVEL | |
| <70 bB A | |

*Indicative capacities depending on hose and fitting type.

OPTIONAL:



Maintenance Kits

ASSEMBLY EQUIPMENT

ELECTRIC CRIMPERS

RY 137 EVO R

MAINTENANCE WORKSHOP
VERTICAL BENCHTOP



KEY FEATURES:

- Ergonomically positioned adjustable head
- Axis of the head situated perpendicular to the operator
- Compact

TECHNICAL SPECIFICATIONS:

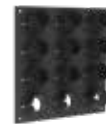
| | |
|---|-------------------------------------|
| CAPACITY* | MOTOR |
| 2wb / 4ws: 1"½ max. | 1.5 kW (110V) |
| Industrial: 1"1/2 max. | 2.2 kW (230V) |
| CRIMP RANGE | VOLTAGES |
| 4-70 mm (0.157 - 2.756") | 110 V, 1Ph, 60 Hz |
| CRIMP FORCE | 220/240 V, 1 Ph, 50 Hz |
| 137 t | 380/415V, 3 Ph + N, 50 Hz |
| OPENING WITH DIES | +12/24V |
| +28 mm (+1.102") | Other voltages available on request |
| COMPLETE OPENING | DIMENSIONS |
| 108 mm (4,252") | 360 x 530 x 620 mm |
| MASTER DIE LENGTH | (14 x 21 x 25") |
| 75 mm (2.953") | NET WEIGHT |
| STANDARD DIES | 85 kg (187 lb) |
| 14, 16, 18, 20, 22, 24, 27, 30, 33, 36, 39, 42, 45, 48, 51 | GROSS WEIGHT |
| NOISE LEVEL | 89 kg (196 lb) |
| <70 dB A | |

*Indicative capacities depending on hose and fitting type.

OPTIONAL:



Maintenance Kits



Die Storage Panel



Die Storage Panel EVO



Aluminium Quick Change Gun

ELECTRIC CRIMPERS

RY 137 EVO

ASSEMBLING FOR FIELD REPAIR
BENCHTOP CRIMP MACHINE

KEY FEATURES:

- Crimp force of up to 137 tonnes for hoses up to 1 1/4"
- Easy to use and robust
- Extensive range of dies to suit crimping of hydraulic hoses
- Easy set up and maintenance
- Fast and reliable
- Digital micrometer

CONTROL OPTIONS AVAILABLE ON REQUEST



SC



SCE



SCS

TECHNICAL SPECIFICATIONS:

CAPACITY*

2wb / 4ws: 1 1/4" max.

Industrial: 1 1/2" max.

CRIMP RANGE

4-70 mm (0.157 - 2.756")

CRIMP FORCE

137 t

OPENING WITH DIES

+28 mm (+1.102")

COMPLETE OPENING

108 mm (4,252")

MASTER DIE LENGTH

75 mm (2.953")

STANDARD DIES

14, 16, 18, 20, 22, 24, 27, 30, 33, 36,
39, 42, 45, 48, 51

NOISE LEVEL

<70 dB A

*Indicative capacities depending on hose and fitting type.

MOTOR

4 kW

VOLTAGES

220/240 V, 1Ph, 50/60 Hz

220/240 V, 3Ph, 50 Hz

380/415 V, 3Ph, 50 Hz

208/240 V, 3Ph, 60 Hz

Other voltages available on request

DIMENSIONS

765 x 400 x 650 mm

(30 x 16 x 26")

NET WEIGHT

160 kg (353 lb)

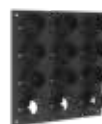


Model shown equipped with SCE control panel

OPTIONAL:



Maintenance Kits



Die Storage Panel



Electrical Footswitch



Die Storage Table EVO



Die Storage Table



Aluminium Quick Change Gun



Digital Caliper



Die Sets for Brake &
Air Conditioning Hoses



Marking Dies



Die Storage Panel EVO

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ASSEMBLY EQUIPMENT

ELECTRIC CRIMPERS

RY 240 EVO

PROFESSIONAL WORKSHOP
BENCHTOP



Model shown equipped with SCE control panel

KEY FEATURES:

- Crimp force of up to 240 tonnes for hoses up to 2"
- Easy to use and robust
- Radial die movement
- High crimping force
- Extensive range of dies to suit crimping of hydraulic hoses
- Easy set up and maintenance
- Fast and reliable

CONTROL OPTIONS AVAILABLE ON REQUEST



SC

SCE

SCS

TECHNICAL SPECIFICATIONS:

| | |
|--|-------------------------------------|
| CAPACITY* | NOISE LEVEL |
| 2wb: 2" max. | <70 dB A |
| 4ws: 2" max. | MOTOR |
| 6ws: 1"1/2 max. | 4.0 kW |
| CRIMP RANGE | VOLTAGES |
| 4 - 76 mm (0.157 - 2.992") | 220/240 V, 1Ph, 50/60 Hz |
| CRIMP FORCE | 220/240 V, 3Ph, 50 Hz |
| 240 t | 380/415 V, 3Ph, 50 Hz |
| OPENING WITH DIES | 208/240 V, 3Ph, 60 Hz |
| +38 mm (+1.496") | Other voltages available on request |
| COMPLETE OPENING | DIMENSIONS |
| 118 mm (4.645") | 765 x 400 x 650 mm |
| MASTER DIE LENGTH | (30 x 16 x 26") |
| 100 mm (3.937") | NET WEIGHT |
| STANDARD DIES | 165 kg (364 lb) |
| 14, 16, 18, 20, 22, 24, 27, 30, 33, 36, 39, 42, 45, 48, 51, 57, 63, 66, 70 | |

*Indicative capacities depending on hose and fitting type.

OPTIONAL:



Maintenance Kits



Die Storage Panel



Electrical Footswitch



Die Storage Table EVO



Die Storage Table



Aluminium Quick Change Gun



Digital Caliper



Die Sets for Brake & Air Conditioning Hoses



Marking Dies



Die Storage Panel EVO



Mechanical Backstop

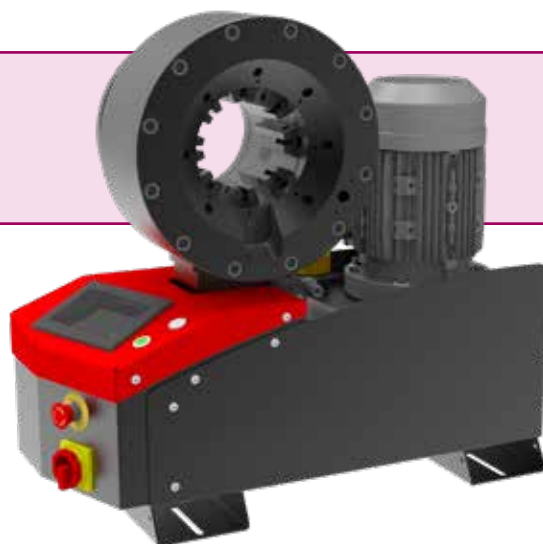
ELECTRIC CRIMPERS

RY 350 EVO / L

FULL SERVICE WORKSHOP
BENCHTOP; VERY HIGH CRIMP FORCE

KEY FEATURES:

- Crimp force up to 350 tonnes for hoses up to 3"
- Easy to use and robust
- Automatic maintenance alerts
- Groove for 90° long drop fittings
- Also available as S CRIMP 350 L with 4.0 kW motor
- Model shown equipped with SCS control panel



CONTROL OPTIONS AVAILABLE ON REQUEST



SC

SCE

SCS

TECHNICAL SPECIFICATIONS:

| | |
|--|---|
| CAPACITY* | NOISE LEVEL |
| 2wb: 3" max. | <70 dB A |
| Industrial: 4" max. | MOTOR |
| 4ws: 2" max. | 5.5 kW / 4 kW |
| 6ws: 2" max. | VOLTAGES |
| CRIMP RANGE | 220/240 V, 3Ph, 50 Hz |
| 4 - 130 mm (0.157 - 5.118") | 380/415 V, 3Ph, 50 Hz |
| CRIMP FORCE | 208/240 V, 3Ph, 60 Hz |
| 350 t | 380/415 V, 3Ph, 60 Hz |
| OPENING WITH DIES | DIMENSIONS |
| +54 mm (+2.125") | 765 x 400 x 750 mm |
| COMPLETE OPENING | (30 x 16 x 30") |
| 180 mm (7.086") | NET WEIGHT |
| MASTER DIE LENGTH | 262 kg (578 lb) |
| 115 mm (4.523") | |
| STANDARD DIES | Automatic maintenance alerts |
| 14, 16, 18, 20, 22, 24, 27, 30, 33, 36, 39, 42, 45, 48, 51, 57, 63, 66, 70, 73, 76 | -Cylinder protection against dust - durable design |
| | -Also available as S CRIMP 350 EVO L with 4.0 kW Motor |

*Indicative capacities depending on hose and fitting type.

OPTIONAL:



Maintenance Kits



Die Storage Panel



Electrical Footswitch



Die Storage Table EVO



Die Storage Table



Aluminium Quick Change Gun



Digital Caliper



Die Sets for Brake &
Air Conditioning Hoses



Marking Dies



Die Storage Panel EVO



Mechanical Backstop

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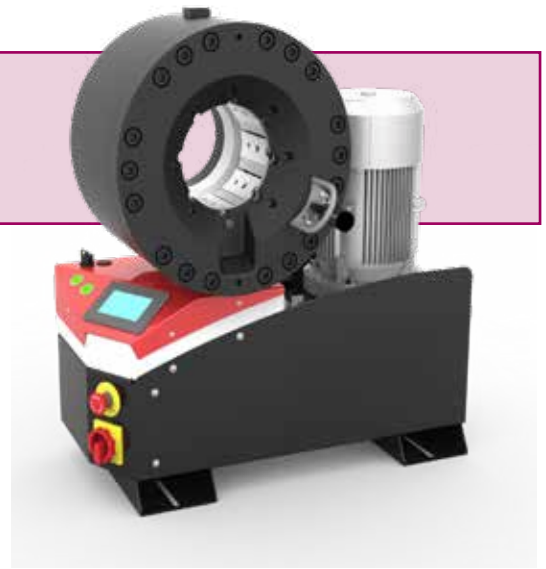
INDUSTRIAL
MACHINES

ASSEMBLY EQUIPMENT

ELECTRIC CRIMPERS

RY 420 EVO

ASSEMBLING FOR FIELD REPAIR
BENCHTOP CRIMPING MACHINE



Model shown equipped with SCS control panel

KEY FEATURES:

- High crimping force of 420 tonnes
- Robust design for transport and operation in harsh environments
- Protected cylinders for trouble-free operation in high dust environments
- Large opening suitable for large bore hoses
- Easy maintenance due to dust collector foam pads

CONTROL OPTIONS AVAILABLE ON REQUEST



SC



SCE



SCS

TECHNICAL SPECIFICATIONS:

| | |
|--|--|
| CAPACITY* | MOTOR |
| 6ws: 3" max. Industrial: 4" max. | 5.5 kW |
| CRIMP RANGE | VOLTAGES |
| 4 - 130 mm (0.157 - 5.118") | 220/240 V, 3Ph, 50 Hz 380/415 V, 3Ph, 50 Hz 208/240 V, 3Ph, 60 Hz 380/415 V, 3Ph, 60 Hz |
| CRIMP FORCE | DIMENSIONS |
| 420 t | 765 x 500 x 800 mm (30 x 20 x 32") |
| OPENING WITH DIES | PACKAGING |
| +48 mm (+1.9 inch) | 745 x 1150 x 945 mm |
| COMPLETE OPENING | NET WEIGHT |
| 178 mm (7.0 inch) | 396 kg (871 lb) |
| MASTER DIE LENGTH | |
| 120 mm (4.724 inch) | |
| STANDARD DIES | |
| 14, 16, 18, 20, 22, 24, 27, 30, 33, 36, 39, 42, 45, 48, 51, 57, 63, 66, 70, 73, 76 | |
| NOISE LEVEL | |
| <70 dB A | |

*Indicative capacities depending on hose and fitting type.

OPTIONAL:



Maintenance Kits



Die Storage Panel



Electrical Footswitch



Die Storage Table EVO



Die Storage Table



Aluminium Quick Change Gun



Digital Caliper



Die Sets for Brake & Air Conditioning Hoses



Mechanical Backstop



Die Storage Panel EVO



Marking Dies

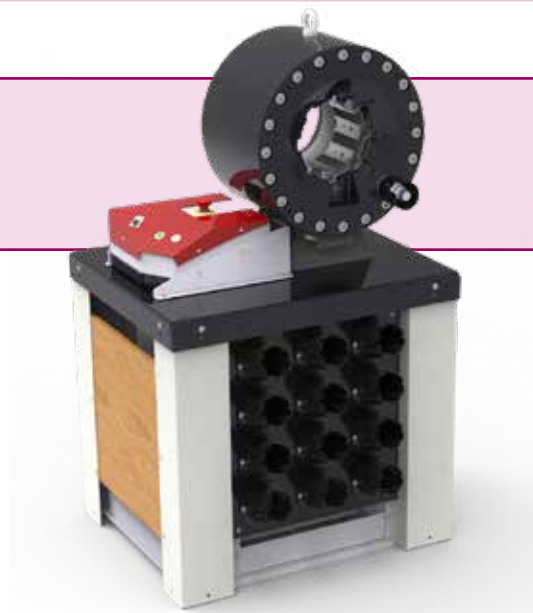
ELECTRIC CRIMPERS

RY 450

ASSEMBLING FOR FIELD REPAIR
BENCHTOP CRIMPING MACHINE

KEY FEATURES:

- High crimp force
- Large opening
- Wide family of dies for industrial hoses
- Long master dies
- Robust - designed for harsh environments
- Low noise level
- Easy die set-up with ergonomic gun
- Metallic guard for the set stop



Model shown equipped with SC control panel

STANDARD EQUIPMENT:



Aluminium Quick Change Gun



Electrical Footswitch

OPTIONAL:



Marking Dies



Die Sets for Brake & Air Conditioning Hoses

TECHNICAL SPECIFICATIONS:

| | |
|---|--|
| CAPACITY* | MOTOR |
| 6ws: 3" max. Industrial: 6" max. | 5.5 kW |
| CRIMP RANGE | VOLTAGES |
| 4 - 180 mm (0.157 - 7.087") | 220/240 V, 3Ph, 50 Hz |
| CRIMP FORCE | 380/415 V, 3Ph, 50 Hz |
| 420 t | 208/240 V, 3Ph, 60 Hz |
| OPENING WITH DIES | 380/415 V, 3Ph, 60 Hz |
| +70 mm (+2.755") | DIMENSIONS |
| COMPLETE OPENING | 830 x 775 x 1450 mm (33 x 31 x 57") |
| 230 mm (9.055") | PACKAGING |
| MASTER DIE LENGTH | 1120 x 1020 x 1770 mm (44 x 40 x 70") |
| 230 mm (9.055") | NET WEIGHT |
| STANDARD DIES | 720 kg (1587 lb) |
| 16, 18, 20, 22, 24, 27, 30, 33, 36, 39, 42, 45, 48, 51, 57, 63, 66, 70, 73, 76 | |
| NOISE LEVEL | |
| <65 dB A | |

*Indicative capacities depending on hose and fitting type.

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ASSEMBLY EQUIPMENT

ELECTRIC CRIMPERS

RY 137 EVO R

FIELD SERVICE & MOBILE WORKSHOP
MOBILE VAN



KEY FEATURES:

- Swivel head for an ergonomic position
- Head axis perpendicular to the operator
- Compact and lightweight

TECHNICAL SPECIFICATIONS:

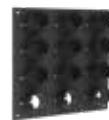
| | |
|--|---------------------|
| CAPACITY* | MOTOR |
| 2wb / 4ws: 1"½ max. | 2.0 kW |
| Industrial: 1"1/2 max. | VOLTAGES |
| CRIMP RANGE | 12 V |
| 4-70 mm (0.157 - 2.756") | 24 V |
| CRIMP FORCE | DIMENSIONS |
| 137 t | 392 x 398 x 486 mm |
| OPENING WITH DIES | (15 x 16 x 19") |
| +28 mm (+1.102") | PACKAGING |
| COMPLETE OPENING | 800 x 600 x 830 mm |
| 108 mm (4,252") | (31 x 24 x 33") |
| MASTER DIE LENGTH | NET WEIGHT |
| 75 mm (2.953") | 73 kg (161 lb) |
| STANDARD DIES | GROSS WEIGHT |
| 14, 16, 18, 20, 22, 24, 27, 30, 33, 36, 39, 42, 45, 48, 51 | 90 kg (199 lb) |
| NOISE LEVEL | |
| <72 dB A | |

*Indicative capacities depending on hose and fitting type.

OPTIONAL:



Maintenance Kits



Die Storage Panel



Aluminium Quick Change Gun



Battery



Die Sets for Brake & Air Conditioning Hoses



Front Die Storage



Marking Dies



Die Storage Panel EVO

ELECTRIC CRIMPERS

RY 137 V / 137 VL

FIELD SERVICE & MOBILE WORKSHOP
MOBILE VAN

KEY FEATURES:

- Robust and compact design
- Lightweight
- High crimping speed
- Suitable also for 90° elbow fittings
- Cylinder protection
- Remote head mounting option possible



TECHNICAL SPECIFICATIONS:

| | |
|---|---------------------------------|
| CAPACITY* | MOTOR |
| 2wb / 4ws: 1"½ max. Industrial: 1"1/2 max. | 2.0 kW |
| CRIMP RANGE | VOLTAGES |
| 4-70 mm (0.157 - 2.756") | +12/24V |
| CRIMP FORCE | DIMENSIONS |
| 137 t | 650 x 550 x 610 mm |
| OPENING WITH DIES | 250 x 320 x 300 mm** |
| +28 mm (+1.102") | PACKAGING |
| COMPLETE OPENING | 800 x 600 x 830 mm |
| 108 mm (4,252") | NET WEIGHT |
| MASTER DIE LENGTH | 103 kg / 86 kg** |
| 75 mm (2.953") | GROSS WEIGHT |
| STANDARD DIES | 120 kg / 102 kg** |
| 14, 16, 18, 20, 22, 24, 27, 30, 33, 36, 39, 42, 45, 48, 51 | DIMENSIONS OF POWER PACK |
| NOISE LEVEL | 440 x 320 x 320 mm** |
| <72 dB A | |

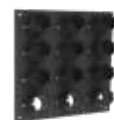
*Indicative capacities depending on hose and fitting type.

** L Version

OPTIONAL:



Maintenance Kits



Die Storage Panel



Aluminium Quick Change Gun



Battery



Die Sets for Brake & Air Conditioning Hoses



Marking Dies

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ASSEMBLY EQUIPMENT

ELECTRIC CRIMPERS

RY 240 V / RY 240 VL

FIELD SERVICE & MOBILE WORKSHOP
MOBILE VAN

KEY FEATURES:

- Robust design
- Ergonomic micrometer
- High crimping speed
- Radial movement of the dies
- Cylinder protection
- Remote head mounting option possible



TECHNICAL SPECIFICATIONS:

| | |
|--|---------------------------------|
| CAPACITY* | MOTOR |
| 2wb: 2" max. | 2.0 kW |
| 4ws: 2" max. | VOLTAGES |
| 6ws: 1" 1/4 max. | 12 / 24 V |
| CRIMP RANGE | 220/240 V, 3Ph, 50 Hz |
| 4 - 76 mm (0.157 - 2.992") | 380/415 V, 3Ph, 50 Hz |
| CRIMP FORCE | 208/240 V, 3Ph, 60 Hz |
| 240 t | DIMENSIONS |
| OPENING WITH DIES | 650 x 550 x 670 mm |
| +38 mm (+1.496") | 320 x 360 x 350 mm** |
| COMPLETE OPENING | PACKAGING |
| 118 mm (4.646") | 800 x 600 x 830 mm |
| MASTER DIE LENGTH | NET WEIGHT |
| 100 mm (3.937") | 118 kg / 130 kg** |
| STANDARD DIES | GROSS WEIGHT |
| 14, 16, 18, 20, 22, 24, 27, 30, 33, 36, 39, 42, 45, 48, 51, 57, 63, 66, 70 | 180 kg / 180 kg** |
| NOISE LEVEL | DIMENSIONS OF POWER PACK |
| 72 dB A | 440 x 320 x 320 mm** |

*Indicative capacities depending on hose and fitting type.

** L Version

OPTIONAL:



Maintenance Kits



Die Storage Panel



Aluminium Quick Change Gun



Battery



Die Sets for Brake & Air Conditioning Hoses



Front Die Storage



Marking Dies

ELECTRIC CRIMPERS

RY 350 V / VL

FIELD SERVICE & MOBILE WORKSHOP
MOBILE VAN

KEY FEATURES:

- Robust design
- Large opening
- High crimping force
- Ergonomic micrometer
- High crimping speed
- Radial movement of the dies
- Cylinder protection
- Remote head mounting option possible



TECHNICAL SPECIFICATIONS:

| | |
|--|---------------------------------|
| CAPACITY* | MOTOR |
| 2wb: 3" max. | 2.0 kW |
| 4ws: 2" max. | VOLTAGES |
| 6ws: 2" max. | 12 / 24 V |
| Industrial: 4" | 220/240 V, 3Ph, 50 Hz |
| CRIMP RANGE | 380/415 V, 3Ph, 50 Hz |
| 4 - 130 mm (0.157 - 5.118") | 208/240 V, 3Ph, 60 Hz |
| CRIMP FORCE | 380/415 V, 3Ph, 60 Hz |
| 350 t | DIMENSIONS |
| OPENING WITH DIES | 650 x 550 x 750 mm |
| +54 mm (+2.125") | 485 x 435 x 390 mm** |
| COMPLETE OPENING | PACKAGING |
| 180 mm (7.086") | 800 x 600 x 830 mm |
| MASTER DIE LENGTH | NET WEIGHT |
| 115 mm (4.528") | 210 kg / 215 kg** |
| STANDARD DIES | GROSS WEIGHT |
| 14, 16, 18, 20, 22, 24, 27, 30, 33, 36, 39, 42, 45, 48, 51, 57, 63, 66, 70, 73, 76 | 260kg / 230 kg** |
| NOISE LEVEL | DIMENSIONS OF POWER PACK |
| <65 dB A | 605 x 318 x 325 mm |

*Indicative capacities depending on hose and fitting type.

** L Version

OPTIONAL:



Maintenance Kits



Die Storage Panel



Aluminium Quick Change Gun



Battery



Die Sets for Brake & Air Conditioning Hoses



Front Die Storage



Marking Dies

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PRODUCTION CRIMPERS

RY 400 XL

XXL WORKSHOP



KEY FEATURES:

- High crimping force
- Ergonomic operation
- Economic solution
- Large opening
- Robust
- Easy set up
- Versatile
- Adjustable crimping working position

STANDARD EQUIPMENT:



Remote Control



Ergonomic Micrometer



SC

TECHNICAL SPECIFICATIONS:

| | |
|-----------------------------|----------------------------------|
| CAPACITY* | MOTOR |
| Industrial: 6" | 5.5 kW |
| CRIMP RANGE | VOLTAGES |
| 4 - 210 mm (0.157 - 8.268") | 230 V, 3 Ph |
| CRIMP FORCE | 400 V, 3 Ph |
| 400 t | DIMENSIONS |
| OPENING WITH DIES | 1100 x 900 x 1550 mm |
| +60 mm (+2.362") | (43 x 35 x 61") |
| COMPLETE OPENING | WEIGHT |
| 285 mm (11.221") | 750 kg (165 lbs) |
| MASTER DIE LENGTH | TECHNICAL FEATURES |
| 150 mm (5.906") | Die sizes available upon request |

OPTIONAL:



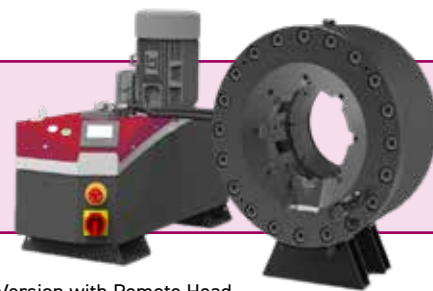
Aluminium Quick Change Gun

*Indicative capacities depending on hose and fitting type.

PRODUCTION CRIMPERS

RY 450 - 200 (S) EVO

XXL WORKSHOP



Version with Remote Head



Production Version with "silent" central unit

KEY FEATURES:

- High crimp force (450 tonnes)
- Large opening
- Wide family of dies for industrial hoses
- Long master dies
- Robust & Ergonomic
- Metallic guard for the set stop
- Separated crimping head allowing flexible workshop arrangements
- Production options:
- "silent" central unit with 50 L tank
- Table with racks EVO
- 3 control panels available

CONTROL OPTIONS AVAILABLE ON REQUEST



SC



SCE



SCS

OPTIONAL:



Aluminium Quick Change Gun



Electrical Footswitch



Die Storage Panel



Die Storage Table EVO



Digital Caliper



Die Sets for Brake & Air Conditioning Hoses

TECHNICAL SPECIFICATIONS:

| | |
|---|-----------------------|
| CAPACITY* | MOTOR |
| Industrial: 4" & 6" | 5.5 kW |
| CRIMP RANGE | VOLTAGES |
| 4 - 180 mm (0.157 - 7.087") | 220/240 V, 3Ph, 50 Hz |
| CRIMP FORCE | 380/415 V, 3Ph, 50 Hz |
| 450 t | 208/240 V, 3Ph, 60 Hz |
| OPENING WITH DIES** | 380/415 V, 3Ph, 60 Hz |
| +70 mm (+2.755") | DIMENSIONS |
| MASTER-DIES OPENING*** | 830 x 775 x 1450 mm |
| 270 mm (10.629") | (33 x 31 x 57") |
| MASTER DIE LENGTH | PACKAGING |
| 125 mm (4.921") | 1120 x 1020 x 1770 mm |
| STANDARD DIES | (44 x 40 x 70") |
| 14, 16, 18, 20, 22, 24, 27, 30, 33, 36, 39, 42, 45, 48, 51, 57, 63, 66, 70, 73, 76; | NET WEIGHT |
| Dies up to 180 mm available on request. | 450 kg (992 lb) |
| | 750 kg (pro version) |

*Indicative capacities depending on hose and fitting type.

** working stroke 24 mm

*** Full passage 230 mm

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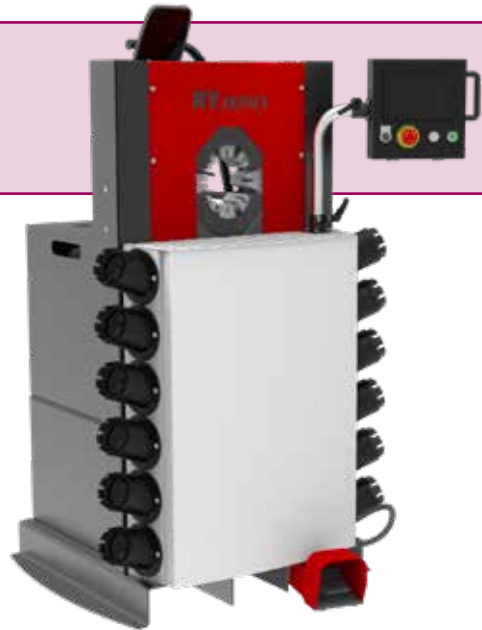
PRODUCTION CRIMPERS

RY 140 SCS

ASSEMBLING FOR MASS PRODUCTION
STAND TYPE CRIMP MACHINE

KEY FEATURES:

- Safe Crimp System (SCS) control
- Large production capacity (small/medium bore)
- Low noise level
- Precise
- Robust
- Available with SCE control panel



STANDARD EQUIPMENT:



Electrical Footswitch



Die Storage Panel



SCS Safe Crimp System



Mirror



Aluminium Quick Change Gun

TECHNICAL SPECIFICATIONS:

| | |
|--|-----------------------|
| CAPACITY* | NOISE LEVEL |
| 2wb: 2" max. | <65 dB A |
| 4ws: 1" 1/4 max. | MOTOR |
| Industrial: 2"1/2 max. | 4 kW |
| CRIMP RANGE | VOLTAGES |
| 4 - 70 mm (0.157 - 2.756") | 220/240 V, 3Ph, 50 Hz |
| CRIMP FORCE | 380/415 V, 3Ph, 50 Hz |
| 140 t | 208/240 V, 3Ph, 60 Hz |
| OPENING WITH DIES | DIMENSIONS |
| +45 mm (+1.772") | 890 x 690 x 1380 mm |
| COMPLETE OPENING | (35 x 27 x 54") |
| 125 mm (4.921") | PACKAGING |
| MASTER DIE LENGTH | 1120 x 1020 x 1725 mm |
| 80 mm (3.150") | (44 x 40 x 68") |
| STANDARD DIES | NET WEIGHT |
| 14, 16, 18, 20, 22, 24, 27, 30, 33, 36, 39, 42, 45, 48 | 600 kg (1323 lb) |

OPTIONAL:



Barcode Reader



Mechanical Backstop



Digital Caliper

*Indicative capacities depending on hose and fitting type.

PRODUCTION CRIMPERS

RY 320 SCS

ASSEMBLING FOR MASS PRODUCTION
STAND TYPE CRIMP MACHINE

KEY FEATURES:

- High crimp force
- Large opening
- Safe Crimp System (SCS) control
- Wide family of dies for industrial hoses
- Robust structure
- Fast and ergonomic
- Low noise level

STANDARD EQUIPMENT:



Electrical Footswitch



Die Storage Panel



SCS Safe Crimp System



Mirror



Aluminium Quick Change Gun



TECHNICAL SPECIFICATIONS:

| | |
|--|--------------------------------|
| CAPACITY* | NOISE LEVEL |
| 2wb: 3" max. | <65 dB A |
| 4ws: 2" max. | MOTOR |
| 6ws: 2" max. | 5.5 kW / 7.5 kW (Fast Version) |
| Industrial: 4" max. | VOLTAGES |
| CRIMP RANGE | 220/240 V, 3Ph, 50 Hz |
| 4 - 130 mm (0.157 - 5.118") | 380/415 V, 3Ph, 50 Hz |
| CRIMP FORCE | 208/240 V, 3Ph, 60 Hz |
| 320 t | 380/415 V, 3Ph, 60 Hz |
| OPENING WITH DIES | DIMENSIONS |
| +80 mm (+3.149") | 1200 x 1000 x 1650 mm |
| COMPLETE OPENING | (47 x 39 x 64") |
| 207 mm (8.149") | PACKAGING |
| MASTER DIE LENGTH | 1400 x 1100 x 1960 mm |
| 100 mm (3.937") | (55 x 43 x 77") |
| STANDARD DIES | NET WEIGHT |
| 14, 16, 18, 20, 22, 24, 27, 30, 33, 36, 39, 42, 45, 48, 51, 57, 63, 66, 70, 73, 76 | 1370 kg (3020 lb) |
| | GROSS WEIGHT |
| | 1570 kg (3461 lb) |

*Indicative capacities depending on hose and fitting type.

OPTIONAL:



Die Storage Panel



Back View Camera



Barcode Reader



Simple or Double Footswitch



Side Table



Digital Caliper



Die Sets for Brake & Air Conditioning Hoses



Mechanical Backstop



Marking Dies

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PRODUCTION CRIMPERS

RY 480 SCS

ASSEMBLING FOR MASS PRODUCTION
STAND TYPE CRIMP MACHINE

KEY FEATURES:

- High crimp force
- Large opening
- Safe Crimp System (SCS) control
- Wide family of dies for industrial hoses
- Long master dies
- Robust
- Low noise level



STANDARD EQUIPMENT:



Electrical Footswitch



Pushing panel



SCS Safe Crimp System



Mirror



Aluminium Quick Change Gun

TECHNICAL SPECIFICATIONS:

| | |
|--|-----------------------|
| CAPACITY* | NOISE LEVEL |
| 6ws: 3" max. | <65 dB A |
| Industrial: 4" max. | MOTOR |
| CRIMP RANGE | 5.5 kW |
| 4 - 160 mm (0.157 - 6.299") | VOLTAGES |
| CRIMP FORCE | 220/240 V, 3Ph, 50 Hz |
| 480 t | 380/415 V, 3Ph, 50 Hz |
| OPENING WITH DIES | 208/240 V, 3Ph, 60 Hz |
| +85 mm (+3.346") | 380/415 V, 3Ph, 60 Hz |
| COMPLETE OPENING | DIMENSIONS |
| 212 mm (8.346") | 1300 x 1050 x 1700 mm |
| MASTER DIE LENGTH | (51 x 41 x 67") |
| 125 mm (4.921") | PACKAGING |
| STANDARD DIES | 1400 x 1100 x 1960 mm |
| 14, 16, 18, 20, 22, 24, 27, 30, 33, 36, 39, 42, 45, 48, 51, 57, 63, 66, 70, 73, 76 | (55 x 43 x 77") |
| | NET WEIGHT |
| | 1675 kg (3693 lb) |
| | GROSS WEIGHT |
| | 1890 kg (4167 lb) |

*Indicative capacities depending on hose and fitting type.

OPTIONAL:



Die Storage Panel



Back View Camera



Barcode Reader



Simple or Double Footswitch



Side Table



Digital Caliper



Die Sets for Brake & Air Conditioning Hoses



Mechanical Backstop



Marking Dies

PRODUCTION CRIMPERS

RY 450 XL

XXL WORKSHOP



KEY FEATURES:

- High crimping force
- Large opening for hoses up to 8" and flanges up to ANSI 150 PSI
- Diameter adjustment is controlled by SCS
- Possibility to install eccentric and/or deformed dies

STANDARD EQUIPMENT:



Aluminium Quick Change Gun



SCS Safe Crimp System



Electrical Footswitch



Mirror



Die Storage



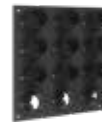
Pushing Panel

TECHNICAL SPECIFICATIONS:

| | |
|---|-----------------------------------|
| CAPACITY* | COMPLETE OPENING |
| Industrial: 8" | 360 mm (14.173") |
| MAX CRIMPING DIAMETER | MAXIMUM DIE LENGTH |
| 300 mm (11.811") (with special dies) | 130 mm (5.118") |
| CRIMP FORCE | GROSS WEIGHT |
| 450 t | 2900 kg (6393 lb) |
| OPENING WITH DIES | TECHNICAL FEATURES |
| + 130 mm (5.118") | Die sizes available upon request. |

*Indicative capacities depending on hose and fitting type.

OPTIONAL:



Die Storage Panel



Back View Camera



Barcode Reader



Simple or Double Footswitch



Side Table



Digital Caliper



Die Sets for Brake & Air Conditioning Hoses



Mechanical Backstop



Marking Dies

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PRODUCTION CRIMPERS

RY 320 OH XL

XXL WORKSHOP

KEY FEATURES:

- Unique on market
- Lateral opening
- No limit on end connection diameter
- Easy to use
- Separated power pack
- Integrated safety system



STANDARD EQUIPMENT:



Electrical Footswitch



Die Storage Panel

TECHNICAL SPECIFICATIONS:

| | |
|-----------------------------|------------------------------|
| CAPACITY* | MOTOR |
| Industrial: 6" | 5.5 kW |
| CRIMP RANGE | VOLTAGES |
| 4 - 230 mm (0.157 - 9.055") | 230 V, 3 Ph |
| CRIMP FORCE | 400 V, 3 Ph |
| 320 t | MACHINE DIMENSIONS |
| OPENING WITH DIES | 1265 x 680 x 1800 mm |
| +55 mm (+2.165 ") | (50 x 27 x 71") |
| COMPLETE OPENING | POWER PACK DIMENSIONS |
| 260 mm (10.236") | 890 x 800 x 1050 mm |
| LATERAL OPENING | (35 x 31 x 41") |
| 247 mm (9.724") | MACHINE WEIGHT |
| MASTER DIE LENGTH | 1700 kg (3748 lb) |
| 125 mm (4.921") | POWER PACK WEIGHT |
| | 400 kg (882 lb) |
| | TECHNICAL FEATURES |

Die sizes available upon request

OPTIONAL:



Double Footswitch



SCS Safe Crimp System

*Indicative capacities depending on hose and fitting type.

PRODUCTION CRIMPERS

RY 550 XL CRIMP 550-16

XXL WORKSHOP

KEY FEATURES:

- Very large opening
- Fixed bottom die
- Long dies available
- High crimping force
- Symmetric machine
- Low working height
- Ergonomic
- Safe Crimp System (SCS)
- Step crimping capability with SCS



STANDARD EQUIPMENT:



Die Storage Table



SCS Safe Crimp System

OPTIONAL:



Back View Camera

| | XL CRIMP 550 | XL CRIMP 550-16 |
|------------------------------|--|--|
| CAPACITY* | Industrial: 12" | Industrial: 16" |
| CRIMP FORCE | 550 t | |
| COMPLETE OPENING | 495 mm (19.2488") | 650 mm (25.591") |
| OPENING WITH DIES | +130 mm (+5.118 ") | +160 mm (6.299") |
| MASTER DIE LENGTH | 200 mm (7.874") | |
| MOTOR | 5.5 kW | |
| VOLTAGES | 230 V, 3 Ph 400 V, 3 Ph | |
| MACHINE DIMENSIONS | 1300 x 1050 x 2230 mm (51 x 41 x 88") | 1650 x 1830 x 2660 mm (65 x 72 x 105") |
| POWER PACK DIMENSIONS | 800 x 800 x 1650 mm (31 x 31 x 65") | |
| MACHINE WEIGHT | 4000 kg (8818 lb) | 5300 kg (11684 lb) |
| POWER PACK WEIGHT | 400 kg (882 lb) | |
| TECHNICAL FEATURES | Die sizes available upon request | |

*Indicative capacities depending on hose and fitting type.

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PRODUCTION CRIMPERS

RY 800 INDUSTRIAL

XXL WORKSHOP

KEY FEATURES:

- Designed for heavy duty large bore hydraulic hoses
- High power and speed
- Ergonomically designed for large bore hoses
- Safe Crimp System (SCS) for maximum reliability during the crimping process
- Large opening up to 8"
- Long master dies
- Very high crimping force



STANDARD EQUIPMENT:



Hose Support



SCS Safe Crimp System



Electrical Footswitch



Back View Camera

TECHNICAL SPECIFICATIONS:

| | |
|--|--|
| CAPACITY* | MOTOR |
| 4ws: 4" max. | 7.5 kW |
| 6ws: 3" max. | VOLTAGES |
| Industrial: 6" | 380/415V, 3 Ph + N, 50 Hz |
| CRIMP RANGE | DIMENSIONS |
| 4 - 230 mm (0.157 - 9.055") | 360 x 530 x 620 mm |
| CRIMP FORCE | (14 x 21 x 25") |
| 800 t | NET WEIGHT |
| OPENING WITH DIES | 4300 kg (9480 lb) |
| +100 mm (+3.937") | GROSS WEIGHT |
| COMPLETE OPENING | 5000 kg (11023 lb) |
| 347 mm (13.661") | TECHNICAL FEATURES |
| MASTER DIE LENGTH | Machine platform equipped with rollers to support the hose at working height (1100 mm) in order to handle large bore hoses more easily |
| 180 mm (7.087") | Supplied as standard: Intermediate dies 250/130 and 130/80 |
| STANDARD DIES | |
| 14, 16, 18, 20, 22, 24, 27, 30, 33, 36, 39, 42, 45, 48, 51 | |
| NOISE LEVEL | |
| <70 dB A | |

OPTIONAL:



Die Storage Panel



Double Footswitch



Back View Camera



Die Storage Table



Aluminium Quick Change Gun



Digital Caliper

*Indicative capacities depending on hose and fitting type.

TEST BENCHES



Designed to apply proof-pressure testing to assembled hoses, our test benches allow you to test and certify hose assemblies up to 2,000 bar.

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RY 2000 TB

TEST BENCH, PROOF PRESSURE & CERTIFY
STAND TYPE MACHINE

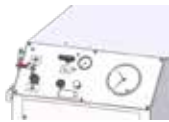


Model shown L

KEY FEATURES:

- Easy to use and robust
- Safe: Steel Compartment, polycarbonate transparent window and metal mesh
- Large testing area for up to 6 hoses
- Variable pressure up to 2000 bar

AVAILABLE VERSIONS:



Power Unit M



Power Unit E

TECHNICAL SPECIFICATIONS:

| | |
|---|--|
| INDICATIVE CAPACITY | PACKAGING (TANK) |
| 3/16" - 2" | 1600 x 1200 x 1280 mm (63 x 47 x 50") |
| HOSE CONNECTION | PACKAGING (PANEL) |
| 6 maximum | 1000 x 1200 x 1280 mm (39 x 47 x 50") |
| AIR CONSUMPTION | NET WEIGHT |
| 1000 L/min | 430 kg (948 lb) |
| OPENING/CLOSING TIME | GROSS WEIGHT |
| 10-14 seconds | 500 kg (1102 lb) |
| MAX PRESSURE | TECHNICAL FEATURES |
| 2000 bar (29000 psi) | Minimum compressed air input 8.5 bar (123 psi) |
| INNER TANK CAPACITY | |
| 1700 x 790 x 200 mm (67 x 31 x 8") | |
| DIMENSIONS (PANEL) | |
| 700 x 1200 x 1220 mm (28 x 47 x 48") | |

OPTIONS & FEATURES:

| | |
|--------------------------------------|--|
| DISPLAY FEATURES | |
| M | Gauge measurement display |
| E | Numerical measurement display with 4" touch screen and ethernet connection for computer report and light |
| FURTHER OPTIONS | |
| - Autonomous filling pump | |
| - Air blowing system for both models | |

TEST BENCHES

RY 2000 XL

TEST BENCH, PROOF PRESSURE & CERTIFY
STAND TYPE MACHINE

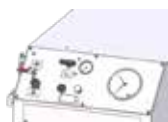
KEY FEATURES:

- Easy to use and robust
- Safe: Steel Compartment, polycarbonate transparent window and metal mesh
- Large testing area for up to 6 hoses
- Variable pressure up to 2000 bar



Model shown XL ISD

AVAILABLE VERSIONS:



Power Unit M



Power Unit E

TECHNICAL SPECIFICATIONS:

| | |
|---|---|
| INDICATIVE CAPACITY | PACKAGING (TANK) |
| 3/16" - 2" | 1600 x 1200 x 1280 mm (63 x 47 x 50") |
| HOSE CONNECTION | PACKAGING (PANEL) |
| 6 maximum | 1000 x 1200 x 1280 mm (39 x 47 x 50") |
| AIR CONSUMPTION | NET WEIGHT |
| 1000 L/min | 500 kg (1102 lb) |
| OPENING/CLOSING TIME | GROSS WEIGHT |
| 10-14 seconds | 600 kg (1323 lb) |
| MAX PRESSURE | TECHNICAL FEATURES |
| 2000 bar (29000 psi) | Minimum compressed air input 8.5 bar (123 psi) |
| INNER TANK CAPACITY | Minimum test pressure 250 bar (3626 psi), with low pressure option 40 bar (725 psi) (only for XL ISD) |
| 1400 x 900 x 600 mm (55 x 35 x 24") | |
| DIMENSIONS (PANEL) | |
| 700 x 1200 x 1220 mm (28 x 47 x 48") | |

OPTIONS & FEATURES:

STANDARD OPTIONS

- XL ISD: Light included
10" touch screen panel
Printer
- XL E: Light included
- Numerical measurement display with 4" touch screen and ethernet connection for computer report.

FURTHER OPTIONS

- Autonomous filling pump
- Air blowing system for both models

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We adapt our machines for use in tubes and automotive applications. Depending on the industrial sector or the requirement, we can offer you technical solutions that meet your specific needs.

TUBE APPLICATIONS

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POSSIBLE APPLICATIONS:

ECO VERSION - after-market manufacturers

PRO VERSION - OEM manufacturers



Tube Stacking



Assembling



Calibration



Cement Rods



Tube Reduction Before Drawing



Geometrical Deformation



Insulator

Activities:
Greenhouse, scaffolding, urban furniture, playground equipment, hand rails, mechanical construction, furniture, etc.

AVAILABLE OPTIONS:



Mechanical Set Stop*



Special Hydraulic Power Pack



Foot Pedal



Computer**



Crimp Head



Oil Cooling System



Central Greasing System

*Accuracy and repeatability optimized

**Pressure and diameters controls, data storage to save recipes, assembly by step, alert maintenance

AUTOMOTIVE APPLICATIONS



POSSIBLE APPLICATIONS:



Air Spring



Part Calibration - Shock Absorbers, Pulleys



Assembling



Geometrical Deformation



Airbag Inflators

AVAILABLE OPTIONS:



Mechanical Set Stop*



Crimp Head



Special Hydraulic Power Pack



Oil Cooling System



Foot Pedal



Central Greasing System



Computer**

*Accuracy and repeatability optimized

**Pressure and diameters controls, data storage to save recipes, assembly by step, alert maintenance

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