HOSE ASSEMBLY MACHINES

GENERAL HYDRAULICS

The assembly moves with us.

TECHMAFLEX
HOSE ASSEMBLY MACHINES

TECHMAFLEX, A LEADER IN HOSE ASSEMBLY TECHNOLOGY SINCE 1987

From being founded in 1987, Techmaflex has become known for the quality and reliability of its benchtop equipment and crimping solutions. Today, Techmaflex is a leader in Europe on benchtop crimping and its supporting equipment range. Techmaflex has grown globally with an established equipment range for portable equipment, benchtop equipment, OEM level and Industrial hose applications. Techmaflex has worked closely with a hose and fitting manufacturer to ensure the equipment meets the toughest demands of the hose industry. This alliance has allowed Techmaflex to design machines perfectly suited for hose assemblers in all industries.

Now established with offices in North America, Asia, Russia, and manufacturing in Europe, Techmaflex has established a global network to support our customers with prompt service and support for all equipment.

Techmaflex continues to innovate in order to serve the expanding market with reliable, hard working equipment and unbeatable service. When you decide on your next line of equipment, look for the “Original Techmaflex” Stamp to ensure you have the best so you can make the best.

In continuity with our innovation , we have decided to rename all our machines to better suit their application.

AFAQ ISO 9001 VERSION 2000

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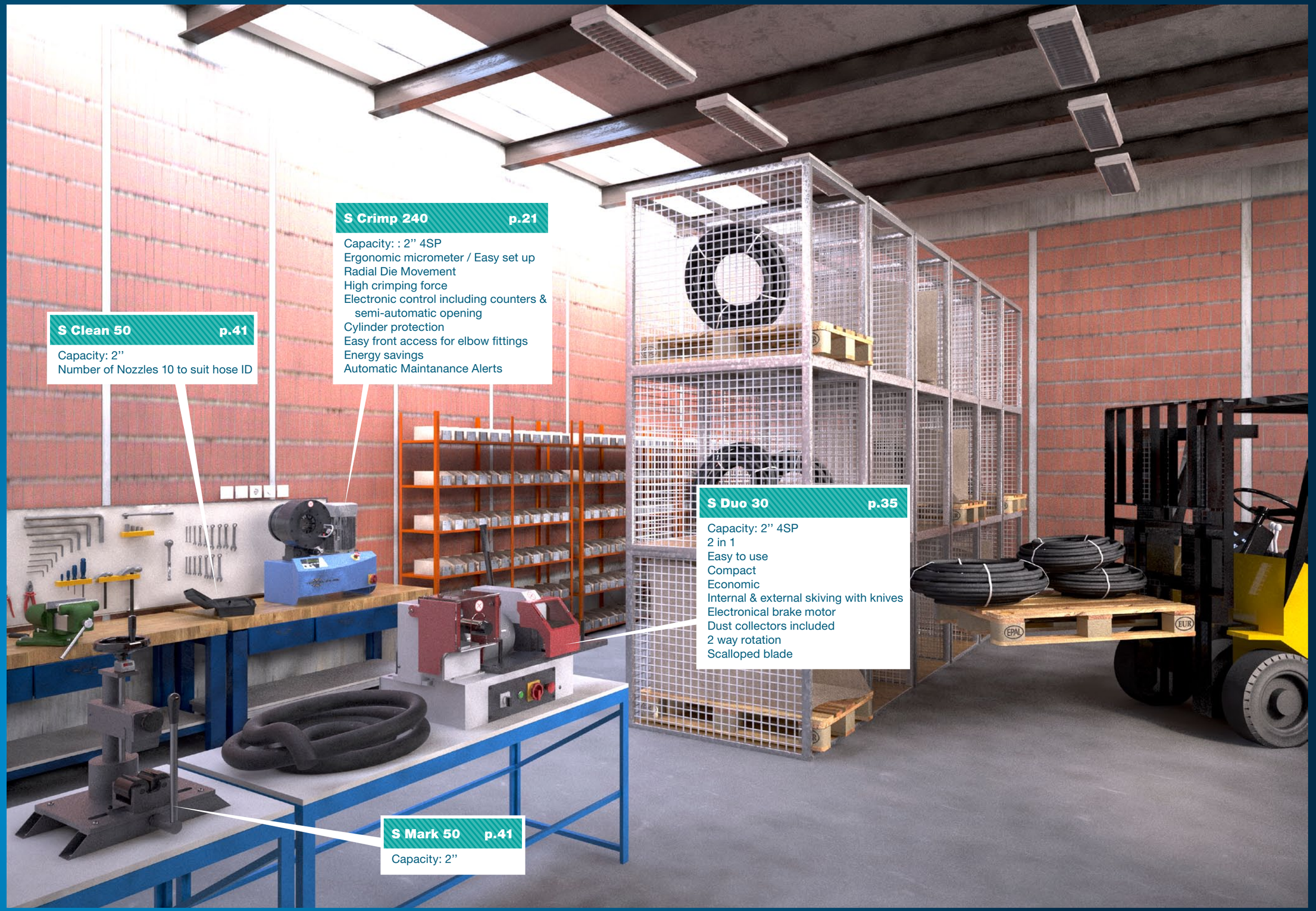
CRIMPING
CUTTING
SKIVING
MARKING
TESTING

STARTER WORKSHOP

Ideal for workshops servicing agricultural, light construction, public works, forestry, transport and industrial equipment. Economical, easy to use and with a capacity of 1’’¼, it meets your daily demands. This equipment allows you to be reactive and autonomous with your customer’s needs.

PROFESSIONAL WORKSHOP

Dedicated to maintenance specialists, dealers and small OEM's serving industry, public works, trucks, lifting, construction and agriculture . Its capacity to 2'' 4SP allows you to answer many requests and ensures high production autonomy. The quality of the hose assemblies will reinforce your image and your reputation toward a large panel of customers. This investment guarantees sustainability and profitability of your business.



S Clean 50 p.41

Capacity: 2''
Number of Nozzles 10 to suit hose ID

S Crimp 240 p.21

Capacity: : 2'' 4SP
Ergonomic micrometer / Easy set up
Radial Die Movement
High crimping force
Electronic control including counters & semi-automatic opening
Cylinder protection
Easy front access for elbow fittings
Energy savings
Automatic Maintanance Alerts

S Duo 30 p.35

Capacity: 2'' 4SP
2 in 1
Easy to use
Compact
Economic
Internal & external skiving with knives
Electronical brake motor
Dust collectors included
2 way rotation
Scalloped blade

S Mark 50 p.41

Capacity: 2''

FULL SERVICE WORKSHOP

Power, robustness and reliability make it the best package recognized by maintenance specialists in heavy equipment, repair stores and medium OEM. Its capacity of 2'' 6SP and 4" on industrial hoses is ideal for companies working in maintenance for mining, drilling, ports, steel mills, petrochemical and public works.

S Cut 55 p.36

Capacity: 2'' 6SP
Smoke free
Digital counters included
Maintenance control
Feeding guides
Ergonomic design
Comfortable
Large and double pedal
Scalloped blade
Mobile

S Mark 50 p.41

Capacity: 2''

P Skive 205 p.39

Capacity: 3''
Plug'n skive system
Large dust collector
Robust & easy adjustable knife
High capacity
Fast
2 way rotation

S Push 1500 p.40

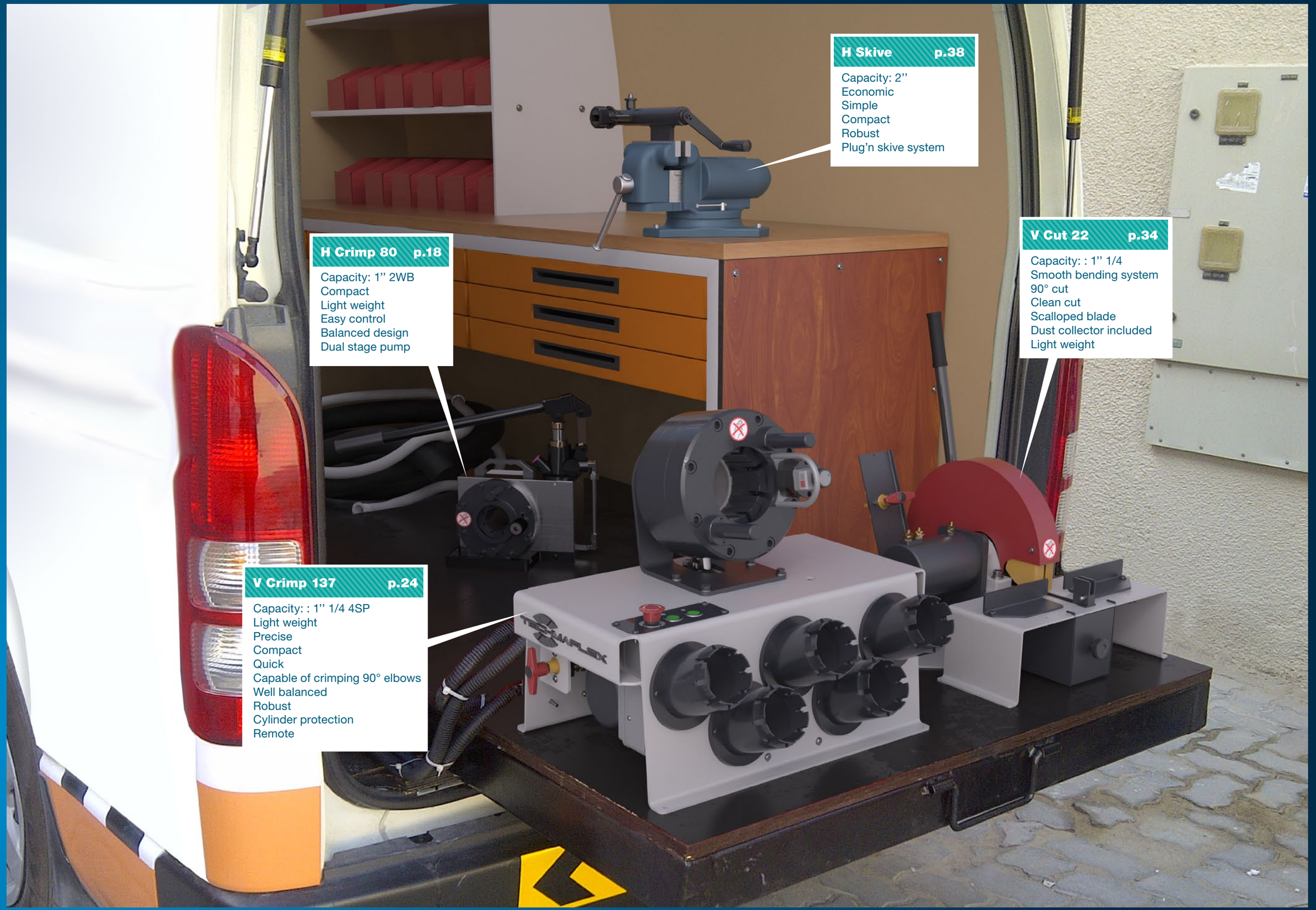
Capacity: all hydraulic hoses from ¾'' up to 2'' Interlock

S Crimp 350 p.22

Capacity: : 2'' 6SP - 4'' Industrial
High power & large opening in a very compact design
Ergonomic micrometer
Radial die movement
Electronic control including counters & semi-automatic opening
Cylinder protection
Groove for 90° long drop
Large die available for industrial hoses
High flow pump
Energy savings
Automatic maintenance alerts
Easy set up

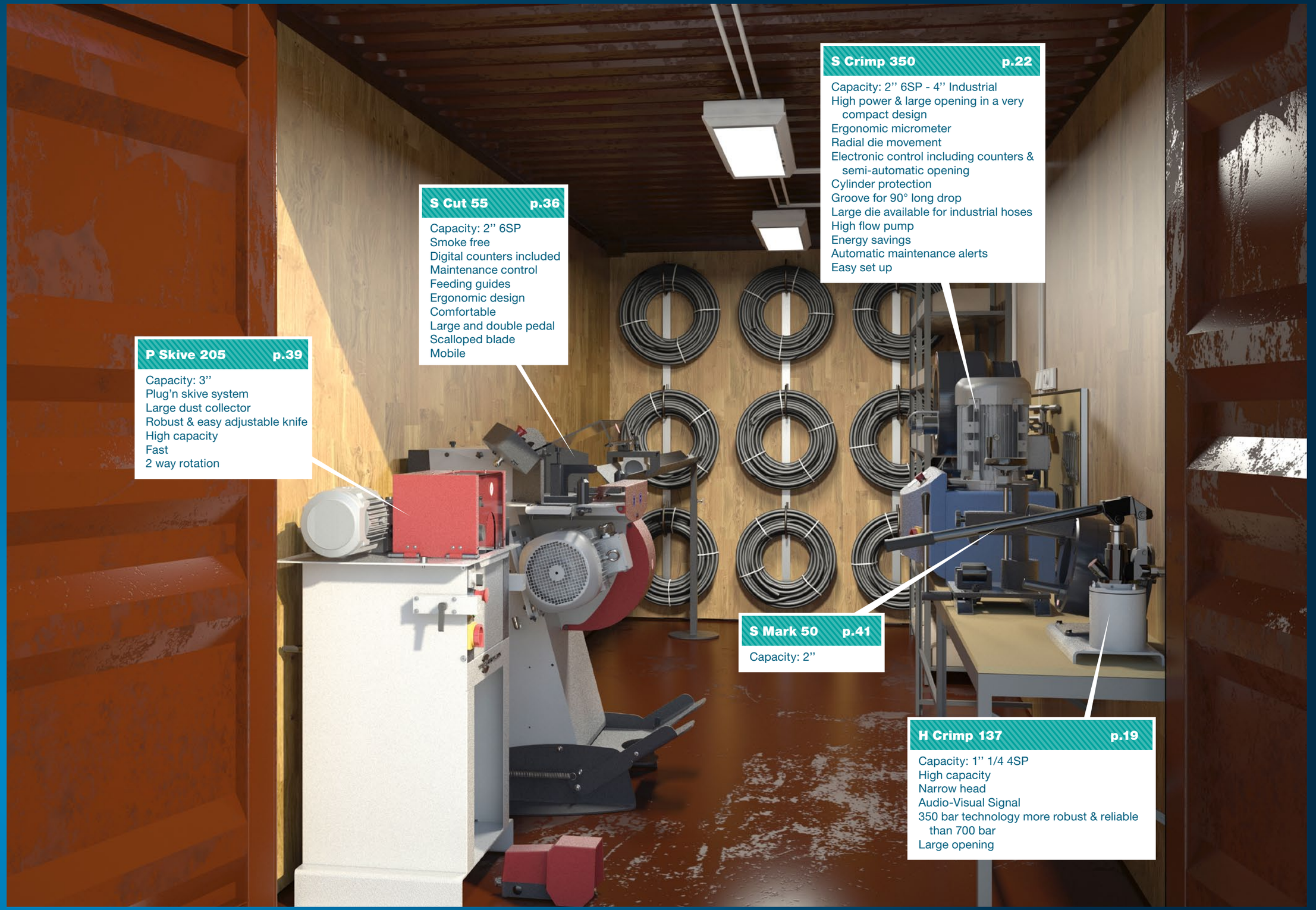
FIELD SERVICE & MOBILE WORKSHOP 12V/24V

A compact and robust line up to 2'', perfect for on-site repair. The hand crimper, H Crimp 80 (PM 18), offers accessibility to all sites. A complete 12V line delivers hose assembly quality equal to the one obtained in workshop.



CONTAINER LINE

The performance of our machines in mining, steel mills, drilling and public works gathered in a container. The capacities of this package will guarantee autonomy in the most remote places. The smoke suction integrated to the cutting machine ensures a clean and safe working environment.



S Crimp 350 p.22

Capacity: 2'' 6SP - 4'' Industrial
High power & large opening in a very compact design
Ergonomic micrometer
Radial die movement
Electronic control including counters & semi-automatic opening
Cylinder protection
Groove for 90° long drop
Large die available for industrial hoses
High flow pump
Energy savings
Automatic maintenance alerts
Easy set up

S Cut 55 p.36

Capacity: 2'' 6SP
Smoke free
Digital counters included
Maintenance control
Feeding guides
Ergonomic design
Comfortable
Large and double pedal
Scalloped blade
Mobile

P Skive 205 p.39

Capacity: 3''
Plug'n skive system
Large dust collector
Robust & easy adjustable knife
High capacity
Fast
2 way rotation

S Mark 50 p.41

Capacity: 2''

H Crimp 137 p.19

Capacity: 1'' 1/4 4SP
High capacity
Narrow head
Audio-Visual Signal
350 bar technology more robust & reliable than 700 bar
Large opening

EXPERT SERVICE LINE

Result of our collaboration with OEM assemblers and hose manufacturers, our expert workshop combines power, reliability, speed, openness and comfort. Techmaflex is now the most innovative manufacturer in machines dedicated to OEM, for instance: «i-crimp system» which guarantees a constant control of hose assemblies.

P Cut 90 p.37

Capacity: 3'' 6SP
Very powerful
Heavy duty for difficult cuts
Hydraulic bending
Large blade
Electronic soft start

P Crimp 480 p.29

Capacity: : 3'' 6SP
High crimping force
Large opening
Large dies available for industrial hoses
Easy die set up with ergonomic gun
Long master-dies
Robust
Optional « I-crimp » quality control system

P Skive 205 p.39

Capacity: 3''
Plug'n skive system
Large dust collector
Robust & easy adjustable knife
High capacity
Fast
2 way rotation

S Push 1500 p.40

Capacity: all hydraulic hoses from ¾'' up to 2'' Interlock

XXL WORKSHOP

A workshop developed on a complete range of Industrial crimpers combining power, openness, ergonomics and solutions for handling large diameters. This workshop increases your potential of opportunities. It allows you to prospect many and various markets and thus amortize your investment quickly. Our knowledge of the activity constraints led us to offer ergonomic solutions adapted to the handling of large diameters.

XL Crimp 800 **p.32**

Capacity: 3’’ 8SP - 4’’ 4SP- 6’’ Industrial
Designed for heavy duty hydraulic assemblers
High speed
High power
Accurate even on large diameters
Ergonomics
Optional « I-crimp » quality control system
Step crimping capability with « I-crimp »

H Crimp 80

PM 18

Field service & Mobile workshop

- Compact
- Light Weight
- Easy to Use
- Balanced design
- Dual stage pump

Technical features

Capacity ..... *1'' 2WB*
Crimp range ..... *4 - 43 mm*
Crimp force ..... *80 t*
Opening with dies ..... *+20 mm*
Complete opening ..... *59 mm*
Master-die length ..... *56 mm*
Dimensions ..... *330 x 250 x 400 mm - 28 kg*
Packing details ..... *800 x 600 x 830 mm - 41 kg*

Dies selection

N°	Dies selection	Lenght
6	06-08	56 mm
8	08-10	56 mm
10	10-12	56 mm
12	12-15	56 mm
15*	15-18	56 mm
18*	18-21	56 mm
21*	21-24	56 mm
24*	24-27	56 mm
27*	27-30	56 mm
30*	30-39	56 mm
39	39-43	56 mm

** Die sets included in the standard package.*

H Crimp 137

PMH 28

Field service & Mobile workshop

- High capacity
- Narrow head
- Audio-Visual Signal
- 350 bar technology more robust & reliable than 700 bar
- Large opening

Options

EG

DSP

Hydro-pneumatic pump

Die sets for brake & Air conditioning hoses

Marking dies

Technical features

Capacity ..... *1'' 1/4 4SP*
Crimp range ..... *4 - 70 mm*
Crimp force ..... *137 t*
Opening with dies ..... *+28 mm*
Complete opening ..... *100 mm*
Master-die length ..... *75 mm*
Dimensions ..... *480 x 250 x 340 mm - 55 kg*
Packing details ..... *800 x 600 x 830 mm - 75 kg*

Dies selection

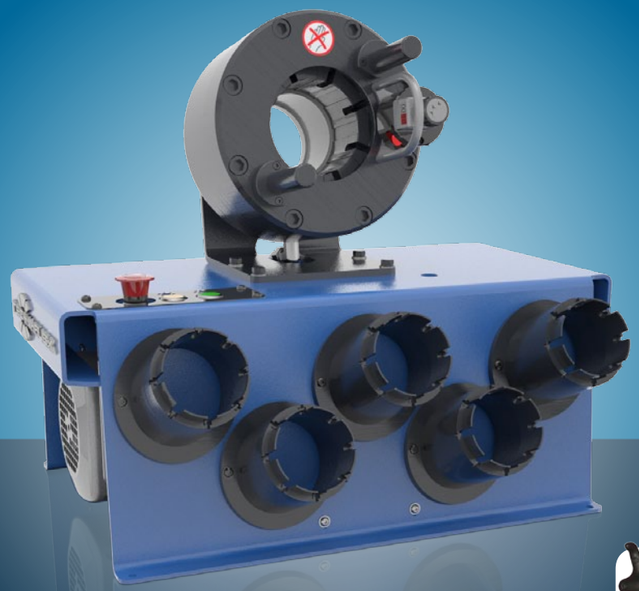
N°	Dies selection	Lenght	N°	Dies selection	Lenght
4	04-06	56 mm	33*	33-36	70 mm
6	06-08	56 mm	36	36-39	70 mm
8	08-10	56 mm	39*	39-42	70 mm
10	10-12	56 mm	42	42-45	70 mm
12	12-15	56 mm	45*	45-48	70 mm
15*	15-18	56 mm	48	48-51	70 mm
18*	18-21	56 mm	51	51-54	75 mm
21*	21-24	56 mm	54	54-57	75 mm
24	24-27	56 mm	57	57-60	75 mm
27*	27-30	56 mm	60	60-66	75 mm
30	30-33	56 mm	66	66-70	75 mm

** Die sets included in the standard package.*

S Crimp 137

SE 28

Starter workshop



- Ergonomic micrometer
- Compact head
- Die storage included
- Multiple Voltage Options
- Accurate
- Easy to move
- Cylinder protection
- Easy die set up

Standard

Ergonomic micrometer

Front die storage

Options

EG

DSP

DST

*Electrical footswitch***

Die sets for brake & Air conditioning hoses

Marking dies

Technical features

Capacity	1'' 1/4 4SP
Crimp range	4 - 70 mm
Crimp force	137 t
Opening with dies	+28 mm
Complete opening	100 mm
Master-die length	75 mm
Motor	2,2 kW
Dimensions	600 x 400 x 490 mm 85 kg with oil
Packing details	800 x 600 x 830 mm - 130 kg
Voltages available	400V 3PH 230V 3PH/1PH 110V 1PH

Dies selection

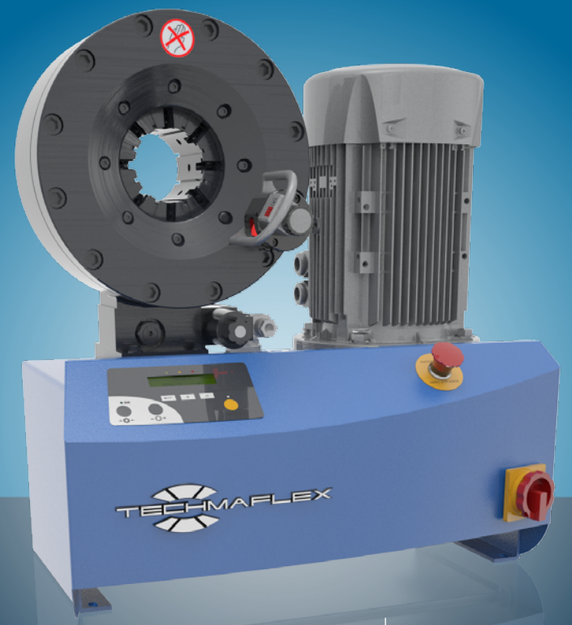
N°	Dies selection	Lenght	N°	Dies selection	Lenght
4	04-06	56 mm	33*	33-36	70 mm
6	06-08	56 mm	36	36-39	70 mm
8	08-10	56 mm	39*	39-42	70 mm
10	10-12	56 mm	42	42-45	70 mm
12	12-15	56 mm	45*	45-48	70 mm
15*	15-18	56 mm	48*	48-51	70 mm
18*	18-21	56 mm	51	51-54	75 mm
21*	21-24	56 mm	54	54-57	75 mm
24*	24-27	56 mm	57	57-60	75 mm
27*	27-30	56 mm	60	60-66	75 mm
30	30-33	56 mm	66	66-70	75 mm

** Die sets included in the standard package.*
*** to be ordered with the machine*

S Crimp 240

PE 38

Professional workshop



- Ergonomic micrometer
- Radial Die Movement / Easy set up
- High crimping force
- Electronic control including counters & semi-automatic opening
- Cylinder protection
- Easy front access for elbow fittings
- Energy savings
- Automatic Maintenance Alerts

Standard

Ergonomic micrometer

Smart control panel

Options

EG

DSP

DST

Electrical footswitch

Mechanical backstop

Die sets for brake & Air conditioning hoses

Marking dies

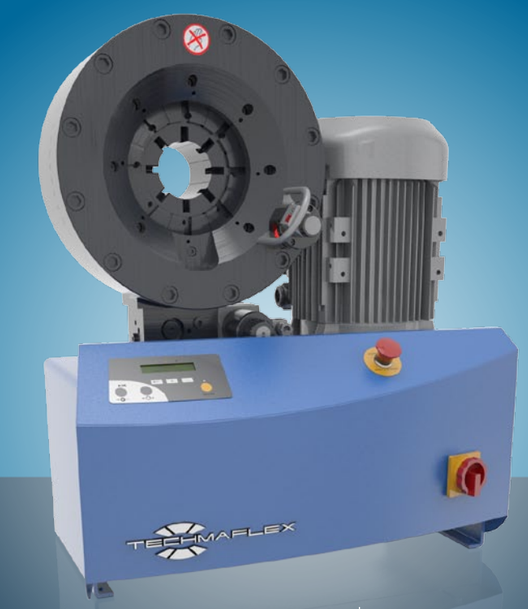
Technical features

Capacity	2'' 4SP
Crimp range	4 - 76 mm
Crimp force	240 t
Opening with dies	+38 mm
Complete opening	118 mm
Master-die length	100 mm
Motor	4 kW
Dimensions	600 x 390 x 630 mm 180 kg with oil
Packing details	1170 x 770 x 1100 mm - 234 kg
Voltages available	400V 3PH 230V 3PH/1PH

Dies selection

N°	Dies selection	Lenght	N°	Dies selection	Lenght
4	04-06	56 mm	36	36-39	90 mm
6	06-08	56 mm	39*	39-42	90 mm
8	08-10	56 mm	42	42-45	90 mm
10	10-12	56 mm	45*	45-48	100 mm
12	12-15	56 mm	48	48-51	100 mm
15*	15-18	56 mm	51*	51-54	100 mm
18*	18-21	56 mm	54	54-57	100 mm
21*	21-24	56 mm	57*	57-60	100 mm
24*	24-27	70 mm	60	60-66	100 mm
27*	27-30	90 mm	66*	66-70	100 mm
30	30-33	90 mm	70	70-76	100 mm
33*	33-36	90 mm			

** Die sets included in the standard package.*



S Crimp 350/350L

PE 58 Pro / PE 58 Eco

Full service workshop

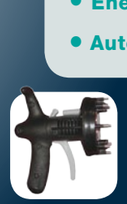
- High power & large opening in a very compact design
- Ergonomic micrometer / Easy set up
- Radial Die Movement
- Electronic control including counters & semi-automatic opening
- Cylinder protection
- Groove for 90° long drop
- Die sets available for Industrial hose
- Energy savings
- Automatic Maintenance Alerts

Standard

Ergonomic micrometer

Smart control panel

Options



EG

DST

Electrical footswitch

Marking dies

DSP

Mechanical backstop

Die sets for brake & Air conditioning hoses

Technical features

Capacity	2'' 6SP - 4'' Industrial
Crimp range	4 - 130 mm
Crimp force	350 t
Opening with dies	+54 mm
Complete opening	180 mm
Master-die length	115 mm
Motor	5,5 kW (4 kW*)
Dimensions*	730 x 483 x 812 mm 260 kg with oil
Packing details*	1170 x 760 x 1100 mm 320 kg
Dimensions	600 x 400 x 750 mm 240 kg with oil
Packing details	1170 x 760 x 1100 mm 300 kg
Voltages available	400V 3PH - 230V 3PH/1PH

** S Crimp 350L only*

Dies selection

N°	Dies selection	Lenght	N°	Dies selection	Lenght
4	04-06	56 mm	51*	51-54	110 mm
6	06-08	56 mm	54	54-57	110 mm
8	08-10	56 mm	57*	57-60	110 mm
10	10-12	56 mm	60	60-66	110 mm
12	12-15	56 mm	66*	66-70	110 mm
15*	15-18	56 mm	70	70-73	110 mm
18*	18-21	56 mm	73*	73-76	125 mm
21*	21-24	56 mm	76	76-80	125 mm
24*	24-27	70 mm	80	80-86	125 mm
27*	27-30	90 mm	86	86-90	125 mm
30	30-33	90 mm	90	90-95	125 mm
33*	33-36	90 mm	95	95-99	125 mm
36	36-39	90 mm	99	99-112	125 mm
39*	39-42	90 mm	112	112-117	125 mm
42	42-45	90 mm	117	117-122	125 mm
45*	45-48	100 mm	122	122-130	125 mm
48	48-51	100 mm			

** Die sets included in the standard package.*

Options

EG-Plastic

SRC-Aluminium

DST

DSP

EG / SRC / DSP / DST

Our patented Ergonomic Gun is available on all Electric Crimpers. It's ease of use makes it an essential tool for increased productivity, comfort and safety. The gun allows the user to change the entire die set at one time and store them on the crimper table (DST) or on the die panel (DSP). Dies are changed in a static position with the head closed to avoid pin damage and broken parts. The EG is availble in Aluminum as well (SRC).

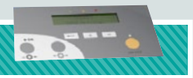
CME

The electric footswitch enables the operator to handle to hose assembly with both hands in safe operation thanks to the emergency stop . In other words, it offers more comfort in your daily work.

Special dies

Brake
A/C
Marking dies
Small diameters

Smart control panel



The SCP is an electronic device to manage the hose crimping operation in an easy, convenient and smart way.
The SCP becomes a great tool for hose assemblies in series thanks to the daily counter and the adjustment of the opening.
Smart maintenance lights will support you to keep your machine in a perfect state.
The Stop/ Start system is a great asset to avoid unnecessary waste of energy and to increase machine life.

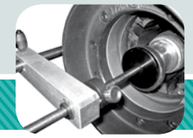
ISD

The ISD is the most userfriendly touch screen control available on the market. The ISD allows for automatic die selection, semi-automatic opening and preventive maintenance alerts. Via USB, you can upload and download crimping charts and machine data. Once the crimping chart is created, a scrolling list makes hose and fitting selection easy. It is also possible to create a personalized crimping chart directly on the machine or through a PC.

I-crimp

The I-crimp system is the most developped and reliable safety system on the market. By controling the pressure needed on your hose assembly, you will avoid quality problems and human errors. Indeed, the crimping is validated by pressure to avoid uncrimped ends or wrong selection of ferrule or fitting.
Thanks to this system, you can also manage crimping sequences which is quite usefull for assembling hoses componed of straight and elbow fittings, it is also a great asset for industrial hose assemblies.

BAM

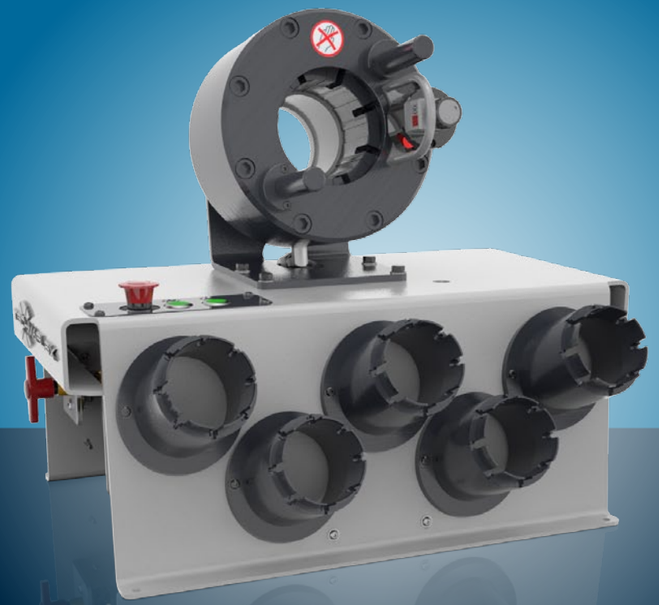


The mechanical backstop is an excellent tool for a fast and ideal positioning of the fitting.

V Crimp 137

PE 28 12V

Field service & mobile workshop



- Light Weight
- Precise
- Compact
- Quick
- Capable of Crimping 90° Elbows
- Well balanced
- Robust
- Cylinder protection
- Remote Head mounting available.

Options

DSP

EG

Battery & charger

Die sets for brake & Air conditioning hoses

Marking dies

Technical features

Capacity	*1'' 1/4 4SP*
Crimp range	*4 - 70 mm*
Crimp force	*137 t*
Opening with dies	*+28 mm*
Complete opening	*100 mm*
Master-die length	*75 mm*
Motor	*2 kW*
Dimensions	*580 x 430 x 565 mm 90 kg with oil*
Packing details	*800 x 600 x 830 mm - 102 kg*

Dies selection

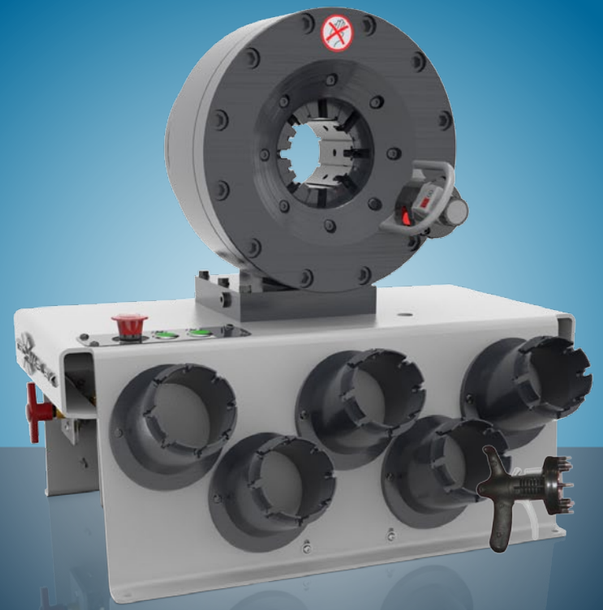
N°	Dies selection	Lenght	N°	Dies selection	Lenght
4	04-06	56 mm	33*	33-36	70 mm
6	06-08	56 mm	36	36-39	70 mm
8	08-10	56 mm	39*	39-42	70 mm
10	10-12	56 mm	42	42-45	70 mm
12	12-15	56 mm	45*	45-48	70 mm
15*	15-18	56 mm	48*	48-51	70 mm
18*	18-21	56 mm	51	51-54	75 mm
21*	21-24	56 mm	54	54-57	75 mm
24*	24-27	56 mm	57	57-60	75 mm
27*	27-30	56 mm	60	60-66	75 mm
30	30-33	56 mm	66	66-70	75 mm

** Die sets included in the standard package.*

V Crimp 240 / 350

PE 38 12V / PE 58 12V

Field service & mobile workshop



- Ergonomic micrometer
- Quick
- Die radial movement
  Radial Die Movement
- 2'' 4SP / 2'' 6SP capacity
- Cylinder protection
- Resistant
- Remote Head mounting available.

Standard

Ergonomic micrometer

Front die storage

Options

EG

Battery & charger

DSP

Marking dies

Die sets for brake & Air conditioning hoses

Technical features

Capacity	*2'' 4SP / 2'' 6SP**
Crimp range	*4 - 76 mm / 4 - 130 mm**
Crimp force	*240 t / 350 t**
Opening with dies	*+38 mm / +54 mm**
Complete opening	*118 mm / 180 mm**
Master-die length	*100 mm / 115 mm**
Motor	*2 kW*
Dimensions	*580 x 430 x 625 mm 130 kg with oil*
Packing details	*800 x 600 x 830 mm - 180 kg*

** V Crimp 350 only*

Dies selection

N°	Dies selection	Lenght	N°	Dies selection	Lenght
4	04-06	56 mm	36	36-39	90 mm
6	06-08	56 mm	39*	39-42	90 mm
8	08-10	56 mm	42	42-45	90 mm
10	10-12	56 mm	45*	45-48	100 mm
12	12-15	56 mm	48	48-51	100 mm
15*	15-18	56 mm	51*	51-54	100 mm
18*	18-21	56 mm	54	54-57	100 mm
21*	21-24	56 mm	57*	57-60	100 mm
24*	24-27	70 mm	60	60-66	100 mm
27*	27-30	90 mm	66*	66-70	100 mm
30	30-33	90 mm	70	70-76	100 mm
33*	33-36	90 mm			

** Die sets included in the standard package.*

N Crimp 70/N Crimp 80

PEP108 / PEP 158

Expert Service Line

- Easy to use
- Accurate
- Robust die holder system
- Automatic opening
- High speed
- Large opening
- Large capacity
- Available with 6 master-dies

Standard

Ergonomic micrometer

Options

Electrical footswitch

Automatic central greasing system

Technical features

Capacity	*1'' 1/2 / 3''**
Crimp range	*4-60 mm / 4-110 mm**
Crimp force	*70 t / 80 t**
Opening with dies	*+ 28 mm*
Complete opening	*108 mm / 156 mm**
Master-die length	*100 mm / 125 mm**
Motor	*3 kW / 4 kW**
Dimensions	*724 x 950 x 1170 mm - 450 kg*
Packing details	*1120 x 1020 x 1770 mm - 490 kg*
Voltages available	*400V 3PH - 230V 3PH*

** N Crimp 80 only*

Dies selection

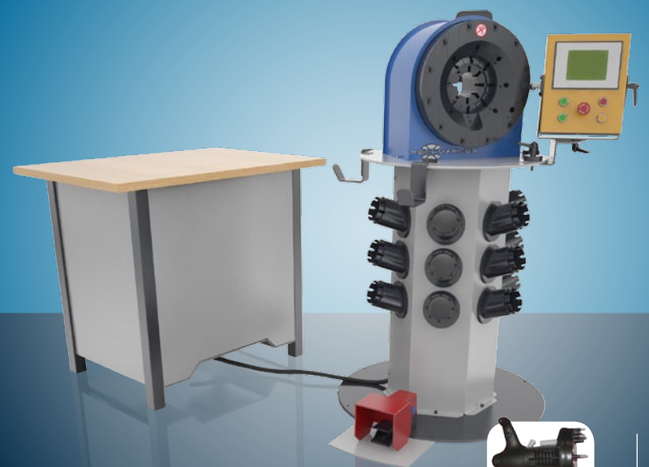
N°	Dies selection
12	12-14
14	14-16
16	16-19
19	19-22
22	22-26
26	26-30
30	30-34
34	34-45
45	45-51
*51	51-57
*57	57-63
*63	63-69
*69	69-73
*73	73-76

P Crimp 240

PES 58

Expert Service Line

- First OEM machine up to 1 ¼''
- Ergonomics
- Fast
- Low maintenance
- Easy die set up with ergonomic gun



Standard

EG

ISD

Electrical footswitch

Mirror

Options

DSP

Mechanical backstop

I-crimp system

Hose hook

Die sets for brake & Air conditioning hoses

Marking dies

Technical features

Capacity	*1''1/4 4SP*
Crimp range	*4 - 70 mm*
Crimp force	*240 t*
Opening with dies	*+54 mm*
Complete opening	*180 mm*
Master-die length	*115 mm*
Motor	*5,5 kW*
Dimensions	*Machine: 850 x 850 x 1300 mm 250 kg*
	Power pack: 600 x 450 x 700 mm 200 kg with oil
Voltages available	*400V 3PH - 230V 3PH*

Dies selection

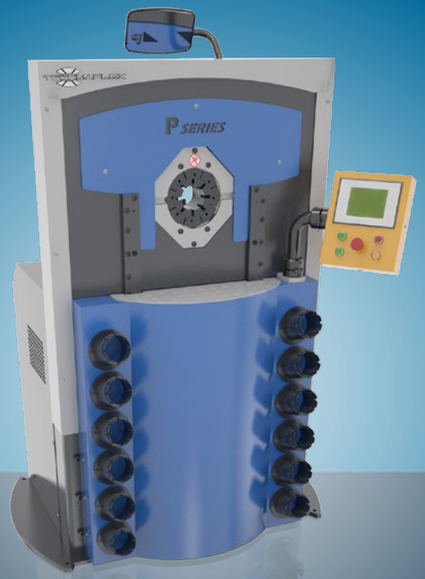
N°	Dies selection	Lenght	N°	Dies selection	Lenght
4	04-06	56 mm	36	36-39	90 mm
6	06-08	56 mm	39*	39-42	90 mm
8	08-10	56 mm	42	42-45	90 mm
10	10-12	56 mm	45*	45-48	100 mm
12*	12-15	56 mm	48*	48-51	100 mm
15*	15-18	56 mm	51	51-54	110 mm
18*	18-21	56 mm	54	54-57	110 mm
21*	21-24	56 mm	57	57-60	110 mm
24*	24-27	70 mm	60	60-66	110 mm
27*	27-30	90 mm	66	66-70	110 mm
30	30-33	90 mm	70	70-73	110 mm
33*	33-36	90 mm			

** Die sets included in the standard package.*

P Crimp 320

PES 100

Expert Service Line



- Robust
- High crimping force
- Large opening
- Accurate
- High repetitivety
- Easy die set up with ergonomic gun
- Optional «I-Crimp» Quality Control System

Standard

ISD

Die storage

EG

Mirror

Electrical footswitch

Options

DSP

I-crimp system

Mechanical backstop

Die sets for brake & Air conditioning hoses

Marking dies

Technical features

Capacity	2'' 6SP
Crimp range	4 - 130 mm
Crimp force	320t
Opening with dies	+80 mm
Complete opening	207 mm
Master-die length	100 mm
Motor	5,5 kW
Dimensions	1300 x 900 x 1700 mm 2000 kg with oil
Packing details	1400 x 1100 x 1960 mm 2 230 kg
Voltages available	400V 3PH - 230V 3PH

Dies selection

N°	Dies selection	Lenght	N°	Dies selection	Lenght
4	04-06	56 mm	51*	51-54	100 mm
6	06-08	56 mm	54	54-57	100 mm
8	08-10	56 mm	57*	57-60	100 mm
10	10-12	56 mm	60	60-66	100 mm
12	12-15	90 mm	66*	66-70	100 mm
15*	15-18	90 mm	70	70-73	100 mm
18*	18-21	90 mm	73	73-76	100 mm
21*	21-24	90 mm	76	76-80	100 mm
24*	24-27	90 mm	80	80-86	100 mm
27*	27-30	90 mm	86	86-90	100 mm
30	30-33	90 mm	90	90-95	100 mm
33*	33-36	90 mm	95	95-99	100 mm
36	36-39	90 mm	99	99-112	100 mm
39*	39-42	90 mm	112	112-117	100 mm
42	42-45	90 mm	117	117-122	100 mm
45*	45-48	95 mm	122	122-130	100 mm
48	48-51	100 mm			

** Die sets included in the standard package.*

P Crimp 480

PES 125

Expert Service Line

- High crimping force
- Large opening
- Large dies available for industrial hoses
- Easy die set up with ergonomic gun
- Long master-dies
- Robust
- Optional «I-Crimp» Quality Control System

Standard

Die storage

EG

ISD

Electrical footswitch

Mirror

Options

Mechanical backstop

I-crimp system

DSP

Die sets for brake & Air conditioning hoses

Marking dies

Technical features

Capacity	3'' 6SP
Crimp range	4 - 160 mm
Crimp force	480 t
Opening with dies	+85 mm
Complete opening	212 mm
Master-die length	125 mm
Motor	5,5 kW
Dimensions	1300 x 900 x 1700 mm 2200 kg with oil
Packing details	1400 x 1100 x 1960 mm 2 230 kg
Voltages available	400V 3PH - 230V 3PH

Dies selection

N°	Dies selection	Lenght	N°	Dies selection	Lenght
4	04-06	56 mm	51*	51-54	110 mm
6	06-08	56 mm	54	54-57	110 mm
8	08-10	56 mm	57*	57-60	110 mm
10	10-12	56 mm	60	60-66	110 mm
12	12-15	90 mm	66*	66-70	110 mm
15*	15-18	90 mm	70	70-73	100 mm
18*	18-21	90 mm	73*	73-76	125 mm
21*	21-24	90 mm	76	76-80	125 mm
24*	24-27	90 mm	80	80-86	125 mm
27*	27-30	90 mm	86	86-90	125 mm
30	30-33	90 mm	90	90-95	125 mm
33*	33-36	90 mm	95	95-99	125 mm
36	36-39	90 mm	99	99-112	125 mm
39*	39-42	90 mm	112	112-117	125 mm
42	42-45	90 mm	117	117-122	125 mm
45*	45-48	100 mm	122	122-130	125 mm
48	48-51	100 mm			

** Die sets included in the standard package.*

XL Crimp 400

PE 280

XXL Workshop

- High crimping force
- Ergonomic Operation
- Economic solution
- Large opening
- Robust
- Easy set up
- Versatile

Standard

Remote control

Ergonomic micrometer

Options

Electrical footswitch

Technical features

Capacity ..... *6'' Industrial*
Crimp range ..... *4-210 mm*
Crimp force ..... *400 t*
Opening with dies ..... *+ 50 mm*
Complete opening ..... *285 mm*
Master-die length ..... *150 mm*
Motor ..... *5,5 kW*
Dimensions ..... *1100 x 900 x 1550 mm - 750 kg*
Voltages available ..... *400V 3PH - 230V 3PH*

Dies sizes available upon request

XL Crimp 320

PESO 320

XXL Workshop

- Unique on market
- Lateral opening
- No Limit on End Connection Diameter
- Easy to use
- Separated power pack
- Integrated Safety System

Standard

Die storage

Electrical footswitch

Technical features

Capacity ..... *6'' Industrial*
Crimp range ..... *4-230 mm*
Crimp force ..... *320 t*
Opening with dies ..... *+55 mm*
Complete opening ..... *260 mm*
Lateral opening ..... *247 mm*
Master-die length ..... *125 mm*
Motor ..... *5,5 kW*
Dimensions ..... *Machine: 1265 x 680 x 1800 mm 1700 kg*
Centrale: 890 x 800 x 1050 mm 400 kg
Voltages available ..... *400V 3PH - 230V 3PH*

Dies sizes available upon request

XL Crimp 800

PES 800

XXL Workshop

- Designed for heavy duty hydraulic assemblers
- High speed
- High power
- Accurate even on large diameters
- Ergonomics
- Optional «I-Crimp» Quality Control System
- Step Crimping capability with «I-Crimp»

Standard

ISD

Electrical footswitch

Hose support

Options

I-crimp system

EG

DSP

Technical features

Capacity	*3'' 8SP - 4'' 4SP- 6'' Industrial*
Crimp range	*4-230 mm*
Crimp force	*800 t*
Opening with dies	*+100 mm*
Complete opening	*350 mm*
Master-die length	*180 mm*
Motor	*7,5 kW*
Dimensions	*1400 X 1400 X 2060 mm 4400 kg*
Voltages available	*400V 3PH - 230V 3PH*

Dies sizes available upon request

XL Crimp 550

PES 500

XXL Workshop

- Very large opening
- Fixed bottom die
- Long dies available
- High crimping force
- Symmetric machine
- Low working height
- Ergonomic
- I-crimp system in option - Optional «I-Crimp» Quality Control System
- Step Crimping capability with «I-Crimp»

Standard

ISD

Electrical footswitch

Options

I-crimp system

Technical features

Capacity	*12'' Industrial*
Max. crimping diameter	*390 mm*
Crimp force	*550 t*
Opening with dies	*+130 mm*
Complete opening	*490 mm*
Master-die length	*200 mm*
Motor	*5,5 kW*
Dimensions	*Machine: 1300 x 1050 x 2230 mm 4000 kg Centrale: 800 x 790 x 1650 mm 500 kg*
Voltages available	*400V 3PH - 230V 3PH*

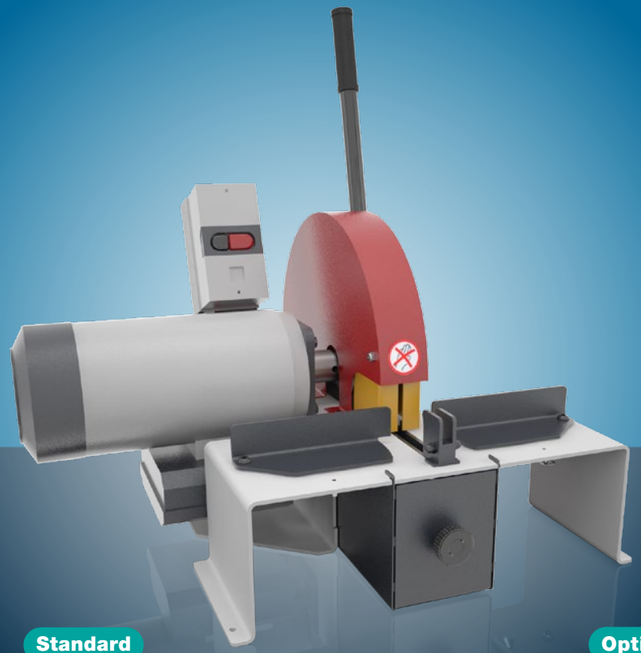
Dies sizes available upon request

S Cut 22 / V Cut 22

FC 32

Starter workshop

- Smooth bending system
- 90° cut
- Clean cut
- Scalloped blade
- Dust collector included
- Multiple Voltage Options



Standard

Scalloped blade

Dust collector

Options

*Battery & charger**

Decoiler

Cutting rail

V Cut 22

Technical features

Capacity	*1''1/4 4SP*
Motor	*2,2 kW*
Motor	*2 kW**
Cutting disc	*Scalloped blade Ø 254 mm*
Max. hose OD	*50 mm*
Rotation speed	*3000 rpm*
Dimensions	*630 x 675 x 650 mm - 42 kg*
Packing details	*800 x 600 x 830 mm - 55 kg*
Dimensions*	*488 x 630 x 650 mm - 38 kg*
Packing details*	*800 x 600 x 830 mm - 51 kg*
Voltages available	*400V 3PH - 230V 3PH/1PH - 12V*

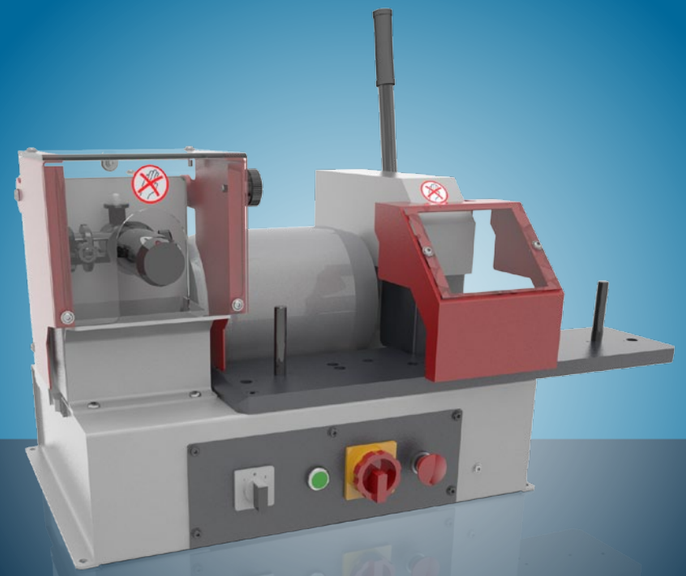
** V Cut 22 only*

S Duo 30

TE 50 Cut & Skive

Starter & professional workshop

- 2 in 1
- Easy to use
- Compact
- Economic
- Internal & external skiving with knives
- Electric Brake Motor for Safety
- Dust collectors included
- 2-way rotation
- Scalloped blade



Standard

2 dust collectors

Scalloped blade

Options

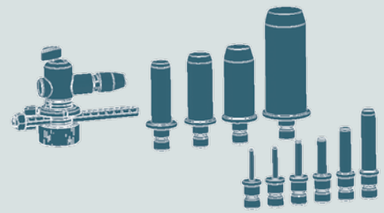
Cutting rail

Decoiler

Technical features

Capacity	*2'' 4SP*
Motor	*3 kW*
Scalloped blade	*Ø 300 mm*
Max. hose OD	*85 mm*
Rotation speed	*3000 rpm*
Tool selection	*External: ESE Internal: IS*
Dimensions	*835 x 545 x 640 mm - 115 kg*
Packing details	*800 x 600 x 830 mm - 130 kg*
Voltages available	*400V 3PH - 230V 3PH*

Kit IS



Kit ESE

S Cut 55/ S Cut 30

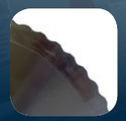
TP 60 / TP 40

Full Service Workshop

- Smoke free
- Includes Digital Counter
- Automatic Maintenance Alerts
- Feeding guides
- Ergonomic design
- Comfortable
- Large, Double Pedal
- Pneumatic bending system (option)
- Scalloped blade
- Mobile

Standard

Control panel



Scalloped blade

Feeding guides

Smoke suction

Options

Cutting rail

Decoiler

Technical features

Capacity	*2'' 6SP / 2'' 4SP*
Motor	*5,5 kW/ 3 kW*
Scalloped blade	*Ø 400 mm/ Ø 300 mm*
Max. hose OD	*80 mm*
Rotation speed	*3000 rpm*
Dimensions	*1240 x 975 x 1270 mm - 240 kg*
Packing details	*1120 x 1020 x 1770 mm - 300 kg*
Voltages available	*400V 3PH - 230V 3PH*

** Available without smoke suction*

S Cut 30

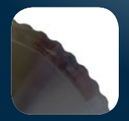
P Cut 90

TS 76

Expert Service Line

- Very powerful
- Heavy Duty for Difficult Cuts
- Hydraulic bending
- Brake motor
- Large blade
- Electronic soft start

Standard



Scalloped blade

Production counters

Options

Cutting rail

Decoiler

Technical features

Capacity	*3'' 6SP*
Motor	*9kW*
Scalloped blade	*Ø 520 mm*
Max. hose OD	*125 mm*
Rotation speed	*3000 rpm*
Dimensions	*982 x 1041 x 1310 mm - 350 kg*
Packing details	*1120 x 1020 x 1770 mm - 410 kg*
Voltages available	*400V 3PH - 230V 3PH*

S Skive 100

DE 50

Professional workshop

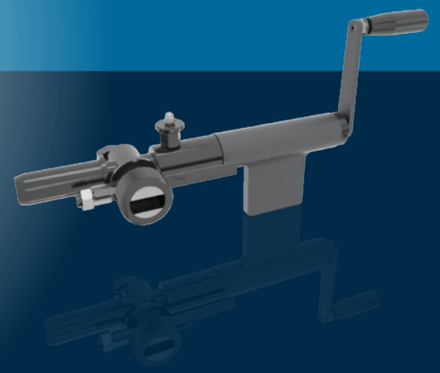
- Plug'n skive system
- Compact & stable
- Safety switch on the cover
- Good visibility
- Tool storage included
- Foot pedal drive with emergency stop
- 2-way rotation

H Skive

HST 50

Field service & mobile workshop

- Economic
- Simple
- Compact
- Robust
- Plug'n skive system



P Skive 205

DC 76 +

Expert Service Line

- Plug'n skive system
- Large dust collector
- Robust & easy adjustable knife - Adjustable Knife for Quick and Easy changeover
- High capacity
- Fast
- 2-way rotation

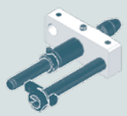
Options

Speed regulator

Hose clamping system

Technical features

Capacity	*2''*
Motor	*0,25 kW*
Rotation Speed	*100 rpm*
Tool selection	*External: ESE or ESP Internal: IS*
Dimensions	*500 x 600 x 360 mm - 36 kg*
Packing details	*800 x 600 x 830 mm - 55 kg*
Voltages available	*400V 3PH - 230V 3PH*

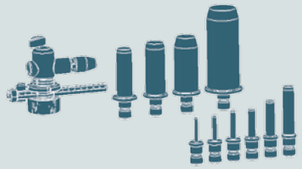


Kit ESP 1

Kit ESP 2

Technical features

Capacity	*2''*
Tool selection	*External: ESE Internal: IS*
Dimensions	*413 X 52 X 224 mm - 3 kg*

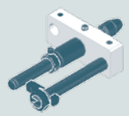


Kit ESE

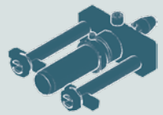
Kit IS

Technical features

Capacity	*3''*
Motor	*0,75 kW*
Rotation Speed	*205 rpm*
Tool selection	*External: ESA or ESP Internal: IS*
Dimensions	*550 x 675 x 1140 mm - 100 kg*
Packing details	*600 x 800 x 1350 mm - 160 kg*
Voltages available	*400V 3PH - 230V 3PH*



Kit ESP 1



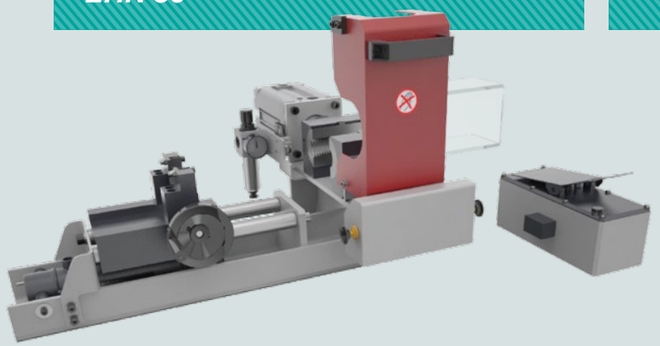
Kit ESP 2

Kit IS

Kit ESA

COMPLEMENTARY PRODUCTS

S Push 1500
EHN 50



Indicative capacity

All hydraulic hoses from ¾'' up to 2'' Interlock
Suitable for 45° and 90° elbow fittings

Performance / Specs :

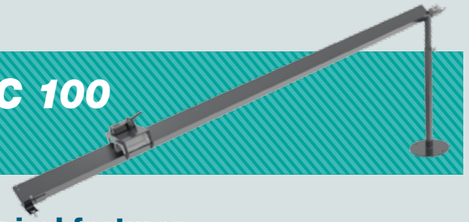
Pushing force ..... *1,500 daN*
Pneumatic Clamping force .... *550 daN*
Min – Max Hose OD ..... *28 – 73 mm*
Connection to compressed air network (7 bar / 100psi)
Dimensions ..... *750 X 660 X 300 mm - 70 kg*

HRD 07

Technical features

Hoses can be stored on the hose dispenser
Number max of coils *7*
Maximum weight/ coil ..... *80 kg*
Minimum internal Ø ..... *300 mm*
Maximum external Ø ..... *850 mm*
Maximum height ..... *200 mm*
Dimensions ..... *1180 x 1180 x 2115 mm - 100 kg*
Packing details ..... *1200 x 1200 x 720 mm - 135 kg*

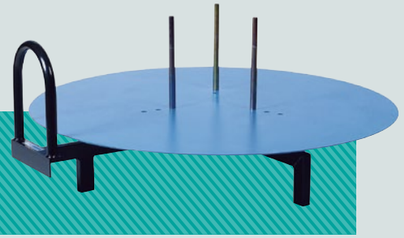
RC 100



Technical features

The cutting rail (available in length 2 m, 3 m or 5 m) can be adapted to all the Techmaflex cutting machines

DV 32



Technical features

Hose decoiler

S Clean 50
CK 50

Technical features

Number of Nozzles ..... *10 to suit hose ID*
Compressed Air ..... *7 bar*
Minimum internal diameter of Hose ..... *6 mm*
Maximum internal diameter ..... *51 mm*
Includes 575 pellets & projectile catcher

S Test 2500
BE 2500

Technical features

Indicative capacity ..... *3/16'' up to 2''*
Maximum pressure ..... *2500 bar*
Hose connection ..... *5 outlets ports of 3/8'' Fem. Gas (BSPP)*
Minimum compressed air input ..... *7 bar with min air flow 1000 l/min (dry air)*
Standard fluid used for tests ..... *Filtered water, minimum inlet pressure 3 bar*
Minimum recommended test pressure ..... *80 bar*
Dimensions ..... *2500 x 800 x 1050 mm - 175 kg*
Packing details ..... *2360 x 1130 x 1330 mm - 330 kg*

S Mark 50
MMJT-50

Technical features

Indicative capacity ..... *2''*
Standard stamp holder ..... *2 x 14 stamps*
Size of the stamps ..... *6 x 3 mm*
Height of the writing ..... *2,5 mm*
Max O.D of ferrule ..... *150 mm*
Dimensions ..... *390 x 360 x 520 mm - 34 kg*
Packing details ..... *800 x 600 x 830 mm - 50 kg*
Includes Stamp box of 100 stamps + 20 blanks

Options

Computer & printer for test reports

Internal light

Second pump for low pressure

Test with emulsion in filtered closed circuit

NOTES

MACHINE DATA TABLE

Machines	Capacity	Crimping strenght	Opening	Passage ø	Max. crimp ø	Dies carrier length	Available Voltage
H CRIMP 80 PM18	1''	80 t	+ 20 mm	59 mm	43 mm	56 mm	n
H CRIMP 137 PMH 28	1''1/4	137 t	+ 28 mm	100 mm	70 mm	75 mm	pneumatic version available
S CRIMP 137 SE 28	1''1/4	137 t	+ 28 mm	100 mm	70 mm	75 mm	1ph or 3ph
S CRIMP 240 PE 38	2''	240 t	+ 38 mm	118 mm	76 mm	100 mm	1ph or 3ph
S CRIMP 350 PE 58	2''/4''	350 t	+ 54 mm	180 mm	130 mm	115 mm	1ph or 3ph
V CRIMP 137 PE 28 12V	1''1/4	137 t	+ 28 mm	100 mm	70 mm	75 mm	12V D.C / 24V D.C
V CRIMP 240 PE 38 12V	2''	240 t	+ 38 mm	118 mm	76 mm	100 mm	12V D.C / 24V D.C
V CRIMP 350 PE 58 12V	2''/4''	350 t	+ 54 mm	180 mm	130 mm	115 mm	12V D.C / 24V D.C
P CRIMP 240 PES 58	1''1/4	240 t	+ 54 mm	180 mm	70 mm	115 mm	3ph
P CRIMP 320 PES 100	2''(4'')	320 t	+ 80 mm	207 mm	130 mm	100 mm	3ph
P CRIMP 480 PES 125	3''(4'')	480 t	+ 85 mm	212 mm	160 mm	125 mm	3ph
N CRIMP 70 PEP 108	1''1/2 NUT CRIMPER	70 t	+ 28 mm	108 mm	60 mm	100 mm	3ph
N CRIMP 80 PEP 158	3'' NUT CRIMPER	80 t	+ 28 mm	156 mm	110 mm	125 mm	3ph
XL CRIMP 400 PE 280	6''	400 t	+ 50 mm	285 mm	210 mm	150 mm	3ph
XL CRIMP 320 PESO 320	6''	320 t	+ 55 mm	260 mm	230 mm	125 mm	3ph
XL CRIMP 800 PES 800	6''	800 t	+ 100 mm	335 mm	230 mm	180 mm	3ph
XL CRIMP 550 PES 500	12''	550 t	+ 130 mm	490 mm	390 mm	200 mm	3ph

Other documentation available, go on Techmaflex website to download other languages available.

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