

Machines for the assembling of hydraulic hoses

The Brochure



“Tone Schlauchtechnik GmbH” offers powerful machines and components for the assembling of hydraulic hoses.

Established in 1994 we have grown meanwhile into a small innovative and successful company.

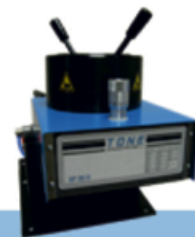
The focus of our work (assembling of hydraulic hoses), has been shifted towards engineering and assembling of machines.

We have used the latest knowledge from hose assembling and successfully implemented it in the development process and the production of our machines.

Due to our long experience, we have succeeded in developing and producing very compact and efficient service machines.

They meet the EU norms, A- class standards, innovation requirements as well as the current security regulations.

Of course, we also offer customized machines and solutions, as well as solutions for hose workshop improvements.



Manual low pressure hose crimping machine: ND-316T



Special advantages:

- Compact bench unit
- Easy to use

Range of application:

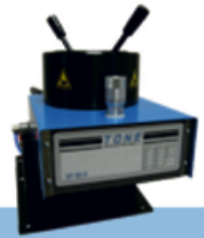
- Low pressure hoses DN 03 to DN16
- 2 set of dies: 1x DN03 to DN08 / 1x DN10 to DN16
- Opening: max. 38mm

Technical data:

Dimensions in mm: width: 350, depth: 415, height: 165 (without hand lever)

Weight: 12,1 kg

Technische Änderungen vorbehalten



Manual low pressure hose crimping machine: ND-316W



Special advantages:

- Compact bench unit
- Incl. back stop
- Adjustable crimping diameter
- Easy to use

Range of application:

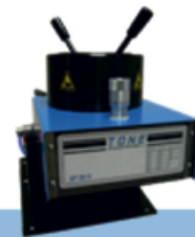
- Low pressure hoses DN 03 to DN16
- 2 set of dies: 1x DN03 to DN08 / 1x DN10 to DN16
- Opening range: max. 38mm

Technical data:

Dimensions in mm: width: 360, depth: 425, height: 190 (without hand lever)

Weight: 14,5 kg

Technische Änderungen vorbehalten



Hose crimping machine PLP-613T



Special advantages:

- Compact bench unit
- Incl. back stop
- Easy adjustment of crimp diameter
- Foot switch operated
- Low maintenance needed machine
- Safe and fast assembling

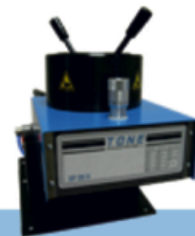
Range of application:

- Low pressure hoses, DN06 to DN13
- 2 die sets: 1x DN 03 to DN 08 / 1x DN 10 to DN 13
- Opening: max. 38mm

Dimensions in mm: width: 630, depth: 200, height: 400

Weight: 40 kg

Technical changes are reserved at any time.



Hose crimping machine SP-25M / SP-25H / SP-ELH25



Special advantages:

- Available in manual (SP-25M), pneumatic (SP-25H) and electrohydraulic (SP-ELH25)
- Compact bench unit, with high crimping force (approx. 130t)
- Easy adjustment of crimp diameter
- Automatic stop (only on SP-25H and SP-ELH25)
- Fast opening, according to manual turn able press ring
- Low maintenance, suitable for workshop and mobile applications
- Safe and quick mounting
- Shelf for 6 set of dies, underneath the crimping head

Range of application:

- Thermoplastic hoses up to DN32 (1¼")*
- Hydraulic hoses 2-wire braided, up to DN32 (1¼")*
- Hydraulic hoses 4-spiral DN25 (1")
- Opening: + 24mm
- Max. Crimp diameter Ø 50 mm
- Max. crimping path Ø 8.0 mm

*(according to fitting type)

Technical data:

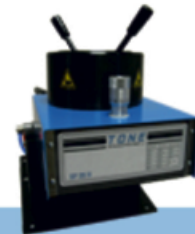
Dimensions in mm: width: 230, depth: 320, height: 450

Electric supply: 230V, 50Hz, 1Ph or 400V, 50Hz, 3Ph

Weight: 37 KG** for SP-25H
24 KG** for SP-25M
60 KG** for SP-ELH25

** (without dies)

Technical changes are reserved at any time.



Hose crimping machine SP-ELH50



Special advantages:

- Compact bench unit, with high crimping force (approx. 240t)
- Easy adjustment of the crimp diameter
- Automatic stop
- Fast opening, according to manual turn able press ring
- Low maintenance, suitable for workshop and mobile application
- Safe and quick mounting
- Shelf for 6 set of dies, underneath the crimping head

Range of application:

- Hoses up to 4-spiral DN50 (2")*
- Max. crimp diameter up to Ø 76mm
- Opening: +24mm
- Opening without dies 110mm
- Max. crimping path Ø 8.0 mm

*(according to fitting type)

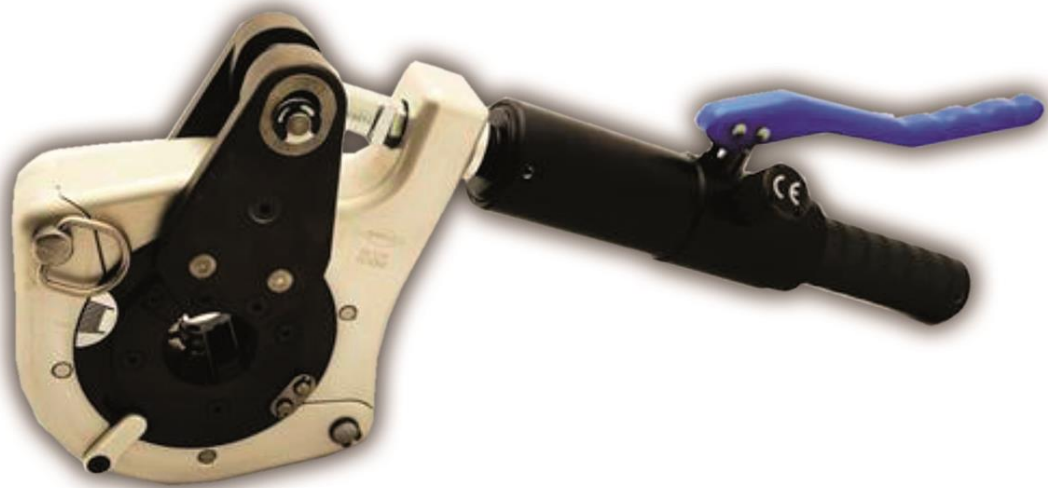
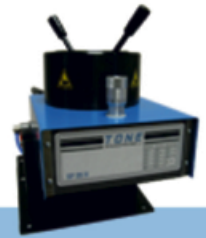
Technical data:

Dimensions in mm: width 326, depth 705, height 570

Electric supply: 400V, 50Hz, 3Ph, PN = 1,10Kw, Vg = 0,51cm³/U

Weight: 85 kg without dies

Technical changes are reserved at any time.



Special advantages:

- Patented innovation
- Very compact, portable unit
- Easy to use, hand pump operated
- Robust technology (body material: Aluminum-titanium alloy)
- 2.3t crimping force
- Incl. 6 set of dies
- Packed in a suitcase
- Incl. die change tool

Working range:

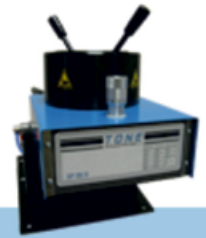
- AC-hoses ID 14mm up to 25.5 mm
- Straight, 45° and 90° elbows

Technical data:

Dimensions in mm: width 490, depth 250, height 80

Weight: 11 KG (incl. dies + case)

Technical changes are reserved at any time.



Special advantages:

- Patented innovation
- Very compact, portable unit
- Easy to use, hand pump operated
- Robust technology (body material: Aluminum-titanium alloy)
- 2.3t crimping force, Incl. 6 set of dies
- Incl Required air connection: Min. 7 bar
- Required air connection: Min. 7 bar
- Actuation by hand valve

Working range:

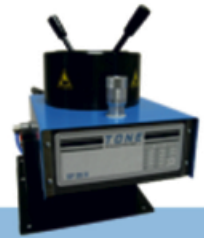
- AC-hoses ID 14mm up to 25.5 mm
- Straight, 45° and 90° elbows

Technical data:

Dimensions in mm: width 330, depth 160, height 425

Weight: 14 KG (incl. dies + case)

Technical changes are reserved at any time.



- **Special advantages:**

- Mobile and flexible mounting of hydraulic hose with 2m long lines profile rail with measure graduation
- Space - saving and compact design
- Assembly mobile branch includes the following machines:
 - SM275-SL hose cutting machine with suction unit and spark extinguisher
 - Hand marking machine MPM01TZ
 - Workshop hydraulic hose crimper SP-25H

- **Work branch:**

- Two braid hydraulic hoses DN6 to DN 40 (depending on the type of ferrule)
- Four -spiral hydraulic hoses DN 06 to DN 25

Technical specifications

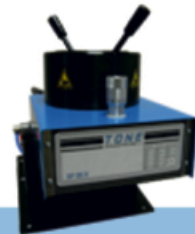
Dimensions: 2770 x 600 x 860 mm.. (Width, Depth, Height)

Weight: 180 Kg

Roll diameter: 80 mm

Color: Black / Blue

Technical changes are reserved at any time.



Special advantages:

- Mobile and flexible assembling of hydraulic hoses
- Space saving unit
- Easy to use
- Example here, includes following machines;
 - Hose cutting machine SM210-SL
 - Manual marking machine MPM01TZ
 - Manual nipple inserter NEM 50
 - Hose crimping machine SP-25H

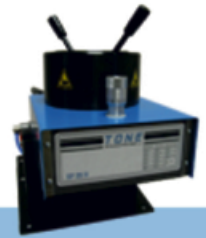
Range of application:

- Thermoplastic hoses up to DN32 (1¼")*
- Hydraulic hoses 2-wire braided, up to DN32 (1¼")*
- Hydraulic hoses 4-spiral DN25 (1")
- *(according to fitting type)

Technical data:

Dimensions: height 1360, width 400, depth 800 mm.
Weight: 180 Kg.
Wheels diameter: 80 mm.

Technical changes are reserved at any time.



Hose cutting table STA- 2 to 10m



Special advantages:

- Robust cutting table, available in various lengths (2 - 10m)
- Profile rail with bladed graduation (2mm)
- Back stop
- Double solutions with 2 separators also possible

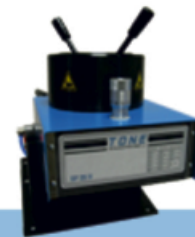
Customized solutions are always feasible. Please contact us.

(Figure shows SM350-SL cutting machine with support table UBT 350-400, spark extinguisher FL50 and exhaustor AS18)

Dimensions in mm: depth: 600 height: 830

Weight and length: Varies, depending on the model

Technical changes are reserved at any time.



Hose cutting machine AHP 35



Special advantages:

- Clean and straight edge cutting
- No heat distortion
- No dust particles
- Quick and safe operation
- Incl. numerical counter
- Foot pedal operated
- Hose guides: Ø 11 mm, Ø 25 mm and Ø 35 mm

Range of Application:

- Cuts Thermoplastic as well as hydraulic hoses with and without textile layers (not suitable for wire braided hoses)
- Max. hose OD 34mm
-

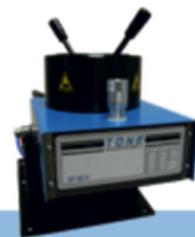
Technical data:

Dimensions in mm: width: 200, depth: 410, height: 120

Required air supply: 7 bar

Weight: 10 kg

Technical changes are reserved at any time.



Hose cutting machine SM210-SL



Special advantages:

- Bench top operated machine
- Designed for easy and safe hose cutting
- Strong and robust engine
- The motor meets the current regulations for the prevention of accidents
- Equipped with a brake, overheat protection and automatic restart protection
- Knife protection on both sides of the blade
- Hand lever can be pushed down without exerting much power
- Adjustable bolts, to guarantee optimal hose bending during cutting process

Range of application:

- Wire braided hoses, up to DN 40 (1½")
- 4-spiral hoses, up to DN 25 (1")

Technical data:

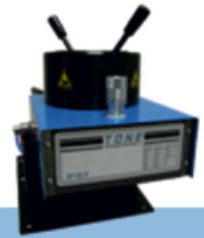
Dimensions in mm: width 540, depth 400, height 330 / 735 with lever

Blade: TMS-210

Dimensions: 210 x 30 x 2,5 HSS

Electric supply: 230V, 50Hz, 1Ph / 2,0 kW, S 6-40%, 2.720 rpm

Weight: 37 KG



Special advantages:

- Bench top operated machine
- Designed for easy and safe hose cutting
- Strong and robust engine
- The motor meets the current regulations for the prevention of accidents
- Equipped with a brake, overheat protection and automatic restart protection
- Knife protection on both sides of the blade
- Hand lever can be pushed down without exerting much power
- Adjustable bolts, to guarantee optimal hose bending during cutting process

Range of application:

- Wire braided hoses, up to DN 50 (2")
- 4-spiral hoses, up to DN 40 (1½")
- R15 hoses, up to DN 32 (1¼")

Technical data:

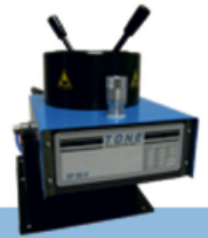
Dimensions in mm: width 540, depth 435, height 350 / 750 with lever

Blade: TMS-275

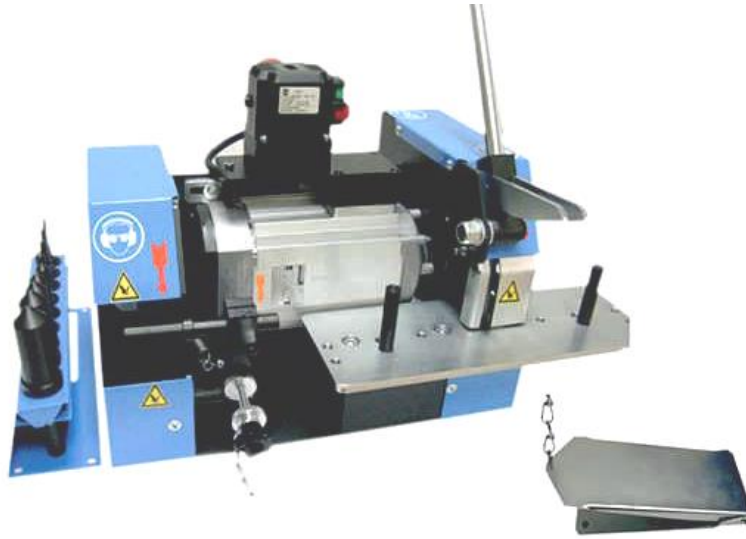
Dimensions: 275 x 30 x 3 HSS

Electric supply: 400V, 50Hz, 3Ph / 3.8 kW, S 6-40%, 2.720 rpm

Weight: 45 KG



Hose cutting and brushing machine SBM275-SL



Special advantages:

- Bench top operated machine
- Designed for easy and safe hose cutting
- Strong and robust engine
- The motor meets the current regulations for the prevention of accidents
- Equipped with a brake, overheat protection and automatic restart protection
- Knife protection on both sides of the blade
- Hand lever can be pushed down without exerting much power
- Adjustable bolts, to guarantee optimal hose bending during cutting process
- Brush bolts with quick adjustment (length + diameter) and easy locking system
- Mounted spring, to equalize tolerances or wrong settings and to prevent the hose wires from being damaged

Range of application:

- Wire braided hoses, up to DN 40 (1½")
- 4-spiral hoses, up to DN 32 (1¼")
- R15 hoses, up to DN 25 (1")

Technical data:

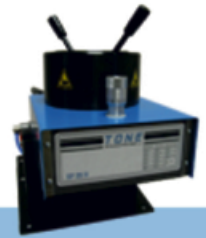
Dimensions in mm: width 650, depth 460, height 380 / 750 with lever

Blade: TMS-275

Dimensions: 275 x 30 x 3 HSS

Electric supply: 400V, 50Hz, 3Ph / 3 kW, S 6-40%, 2.700 rpm

Weight: 60 KG



Hose cutting machine SM350-SL



Special advantages:

- Bench top operated machine
- Designed for easy and safe hose cutting
- Strong and robust engine
- The motor meets the current regulations for the prevention of accidents
- Equipped with a brake, overheat protection and automatic restart protection
- Knife protection on both sides of the blade
- Hand lever can be pushed down without exerting much power
- Adjustable bolts, to guarantee optimal hose bending during cutting process
- Also in 3.8 KW available (light version)

Range of application:

- Wire braided hoses, up to DN 60 (2½")
- 4-spiral hoses, up to DN 50 (2")
- R15 hoses, up to DN 40 (1½")
- Max. hose OD 95mm

Technical data:

Dimensions in mm: width 800, depth 560, height 465 / 880 with lever

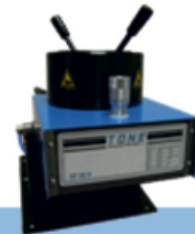
Blade: TMS-350 (KMS optional)

Dimensions: 350 x 30 x 3 HSS

Electric supply: 400V, 50Hz, 3Ph / 5 KW, S 6-40%, 2.760 rpm

Weight: 70 KG

Technical changes are reserved at any time.



Hose cutting machine SM400-SL



Special advantages:

- Bench top operated machine
- Designed for easy and safe hose cutting
- Strong and robust engine
- The motor meets the current regulations for the prevention of accidents
- Equipped with a brake, overheat protection and automatic restart protection
- Knife protection on both sides of the blade
- Hand lever can be pushed down without exerting much power
- Adjustable bolts, to guarantee optimal hose bending during cutting process
- Also available in 5 KW (light version)

Range of application:

- Wire braided hoses, up to DN 100 (4")
- 4-spiral hoses, up to DN 50 (2")
- R15 hoses, up to DN 50 (2")
- Max. hose OD 110mm

Technical data:

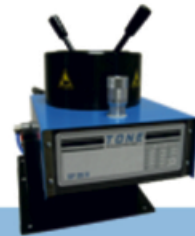
Dimensions in mm: width 800, depth 600, height 480 / 900 with lever

Blade: TMS-400 (KMS optional)

Dimensions: 400 x 50 x 4 HSS

Electric supply: 400V, 50Hz, 3Ph / 7.5 KW, S 6-40%, 2.820 rpm

Weight: 75 KG



Cutting blade

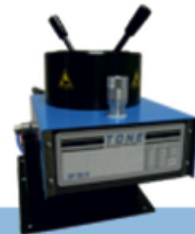


Cutting blade	
Dimensions	Description
210x30x2,5mm	TMS 210
275x30x3mm	TMS 275
350x30x3mm	TMS 350
400x50x4mm	TMS 400
520x50x4mm	TMS 520



Cutting blade with cooling slitters	
Dimensions	Description
275x30x3mm	KMS 275
350x30x3mm	KMS 350
400x50x4mm	KMS 400
520x50x4mm	KMS 520

Technical changes are reserved at any time.



Manual hose skiving unit HSAI-K06-32



Special advantages:

- Compact manual skiving tool for internal and external skiving up to DN32 (1¼")
- Simple design with slight adjustment, easy to use
- Low maintenance, suitable for mobile use
- Safe, clean and fast
- Supplied in a black case

Operating Range: External skiving (1 skiving tool)

- Mandrels DN06 (1/4") to DN32 (1¼")

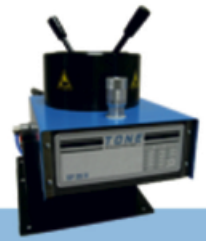
Operating Range: Internal skiving

- Internal skiving mandrels DN20 (3/4") to DN32 (1¼")
- Special skiving tools for DN12 (1/2") and DN16 (5/8") available

Technical data:

Case dimensions: width 450, depth 350, height 110

Weight: 8,3 KG



Manual hose skiving unit HSAI-K06-50-K20-50



Special advantages:

- Compact manual skiving unit for internal and external skiving up to DN50 (2")
- Simple design with slight adjustment, easy to use
- Low maintenance, suitable for mobile use
- Safe, clean and fast
- Supplied in 2 black cases
- Flexible variations possible
- **Operating Range:** External skiving (2 skiving tools)
- Mandrels DN06 (1/4") to DN50 (2")

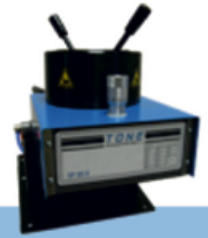
Operating Range: Internal skiving

- Internal skiving mandrels DN20 (3/4") to DN50 (2")
- Special skiving tools for DN12 (1/2") and DN16 (5/8") available

Technical data:

Case dimensions: width 450, depth 350, height 110

Weight: approx. 8 KG, case with external skiving tools and handle
approx. 5,5 KG case with internal skiving tools



Special advantages:

- Compact bench top mounted machine
- For external or internal skiving
- Easy adjustable tools (length and depth)
- Quick change system
- Limit switch protection
- Operated by foot pedal
- Gives you a clean and precise skiving result

Operating Range:

- **External skiving:** Hydraulic hoses from DN06 (1/4") up to DN50 (2")
- **Internal skiving:** Hydraulic hoses from DN20 (3/4") up to DN50 (2")
- Internal skiving tools for DN12 (1/2") and DN16 (5/8") available, on request

Optional:

- Speed control (-vario): from 0 rpm up to max. 450 rpm
- Quick clamping device, for short length hoses

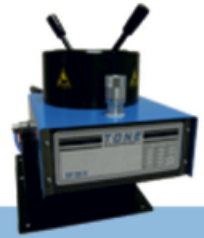
Technical data:

Dimensions in mm: width 240, depth 760, height 330

Electric supply: 380V, 50Hz, 3Ph / 0.55 KW, 309 rpm

Weight: 30 KG

Technical changes are reserved at any time.



Special advantages:

- For Simultaneous skiving (external and internal at the same time)
- Easy adjustable tools (skiving length and depth)
- Quick change system
- Limit switch protection
- Operated by foot pedal
- Gives you a clean and precise skiving result

Optional:

- Speed control (-vario): from 0 rpm up to max. 450 rpm
- Table (ST-model)
- Quick clamping device, for short length hoses (–SV model)

Operating Range: External skiving

- Hydraulic hoses from DN06 (1/4") to DN50 (2")

Operating Range: Simultaneous skiving

- Hydraulic hoses from DN12 (1/2") to DN50 (2")
- Special skiving tool for DN08 (5/16") and DN10 (3/8") on request

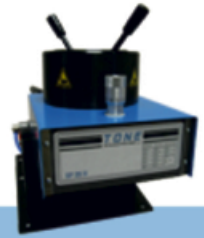
Technical data:

Dimensions in mm: width 400, depth 910, height 320

Electric supply: 380V, 50Hz, 3Ph / 0.55 KW, 309 rpm

Weight: 32 KG

Technical changes are reserved at any time.



Hose skiving machine RI-ST 180 SV-P



Special advantages:

- For Simultaneous skiving (external and internal at the same time)
- Easy adjustable tools (skiving length and depth)
- Quick change system
- Limit switch protection
- Operated by foot pedal
- Gives you a clean and precise skiving result

Optional:

- Speed control (-vario): from 0 rpm up to max. 450 rpm
- Table (ST-model)
- Pneumatic quick clamping device, for short length hoses (DN 06 to 50))

Operating Range: External skiving

- Hydraulic hoses from DN06 (1/4") to DN50 (2")

Operating Range: Simultaneous skiving

- Hydraulic hoses from DN12 (1/2") to DN50 (2")
- Special skiving tool for DN08 (5/16") and DN10 (3/8") on request

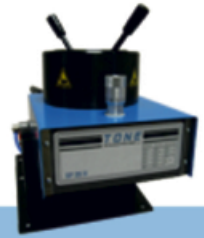
Technical data:

Dimensions in mm: width 400, depth 910, height 1095, incl. table

Electric supply: 380V, 50Hz, 3Ph / 0.55 KW, 309 rpm

Weight: 475KG

Technical changes are reserved at any time.



ST

Skiving tool combination



SV

Special advantages:

- For Simultaneous skiving (external and internal at the same time)
- Easy adjustable tools (skiving length and depth)
- Quick change system
- Limit switch protection
- Operated by foot pedal
- Gives you a clean and precise skiving result

Optional:

- Speed control (-vario): from 0 rpm up to max. 450 rpm
- Table (ST-model)
- Quick clamping device, for short length hoses (-SV model)

Operating Range: External skiving

- Hydraulic hoses from DN06 (1/4") to DN50 (2")

Operating Range: Simultaneous skiving

- Hydraulic hoses from DN12 (1/2") to DN50 (2")
- Special skiving tool for DN08 (5/16") and DN10 (3/8") on request

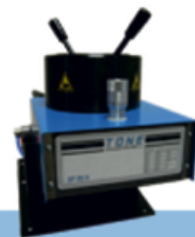
Technical data:

Dimensions in mm: width 400, depth 910, height 1095, incl. table

Electric supply: 380V, 50Hz, 3Ph / 0.55 KW, 309 rpm

Weight: 48 KG

Technical changes are reserved at any time.



Special advantages:

- Compact table top unit
- Fine height adjustment by counter
- Precision of the height adjustment: 0.1 mm
- Robust working tool
- Low maintenance
- Easy to adjust and to use

Options:

- Marking tool in different variations available, also with marking wheels
- Letter box with 50 or 100 marking letters available, or according to your specification
- Customized logo's and special letters
- Device for low pressure sheet ferrules

Operating Range:

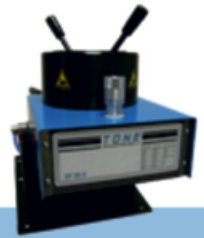
- 11,5mm – 100mm

Technical data:

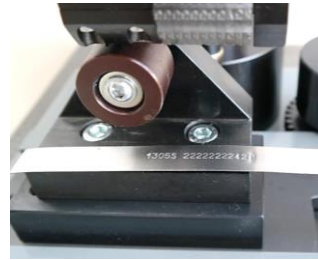
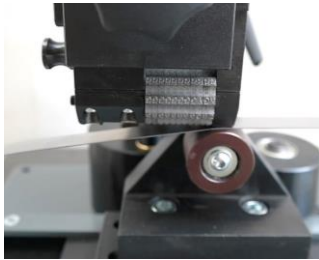
Dimensions in mm: width 340, depth 250, height 480

Weight: 30 KG

Technical changes are reserved at any time.



Manual marking machine MPM 01TZ - BAND



Special advantages:

- Compact table top unit with unit for marking on flat steel strips
- Fine height adjustment by counter
- Precision of the height adjustment: 0.1 mm
- Robust working tool
- Low maintenance
- Easy to adjust and to use

Options:

- Marking tool in different variations available, also with marking wheels
- Letter box with 50 or 100 marking letters available, or according to your specification
- Customized logo's and special letters
- Device for low pressure sheet ferrules

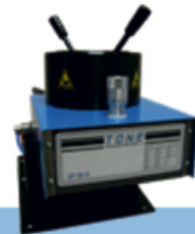
Technical data:

Dimensions in mm: width 340, depth 250, height 480

Weight: 30 KG

ca. 30 kg

Technische Änderungen vorbehalten



Manual marking machine PVM 500-SL



Special advantages:

- Compact table top unit with a single line standard marking tool and a 50pcs. letterbox
- Precise height adjustment
- Low maintenance
- Easy to adjust and to use

Options:

- Marking tool in different variations available, also with marking wheels
- Letter box with 50 or 100 marking letters available, or according to your specification
- Customized logo's and special letters

Operating Range:

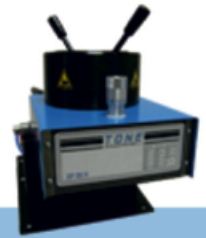
- 11,5mm – 85mm

Technical data:

Dimensions in mm: width 390, depth 193, height 675

Weight: 24 KG

Technical changes are reserved at any time.



Pneumatic marking machine PMP02TZ



Special advantages:

- Compact table top unit
- Pneumatic operated (min. 6 bar working pressure)
- Suitable for serial production
- Fine height adjustment by counter
- Precision of the height adjustment: 0.1 mm
- Qty. counter
- Robust working tool
- Low maintenance
- Easy to adjust and to use
- Safety valve

Options:

- Marking tool in different variations available, also with marking wheels
- Letter box with 50 or 100 marking letters available, or according to your specification
- Customized logo's and special letters
- Device for low pressure sheet ferrules

Operating Range:

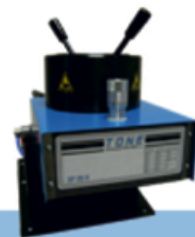
- 11,5mm – 85mm

Technical data:

Dimensions in mm: Width 680, Depth 350, Height 650

Weight: 42 KG

Technical changes are reserved at any time.



Marking tools



Marking tool PW011-T Marking tool with 11 adjustable marking wheels

Wheel 1	Wheel 2	Wheel 3	Wheel 4	Wheel 5	Wheel 6	Wheel 7	Wheel 8	Wheel 9	Wheel 10	Wheel 11
Assembler Code		Date of manufacturing				Pressure Code		Pressure (bar)		
Letters		Numbers 0 .. 9 (2 spacers)				P 12 x	N 12 x	Numbers 0 ... 9 2 spacers		
		Year		Month						

Marking tools: with marking wheels and 1 - 2 lines for marking letters

Marking tool PW..... with multiple marking wheels

PW03.1-T = 3 wheels – 1-line

PW03.2-T = 3 wheels – 2-lines

PW04.2-T = 4 wheels – 2-lines

PW04.1-1-T = 1 line and 4 wheels – in between

PW05.2-T = 5 wheels – 2-lines

PW07.2-T = 7 wheels – 2-lines

PW09.2-T = 9 wheels – 2-lines

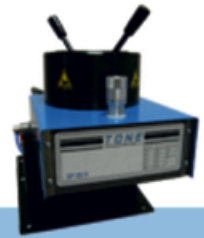
PW013.1-T = 13 wheels – 1-line

Technical data:

All marking tools in 3mm marking depth

Special marking tools on request

Technical changes are reserved at any time.



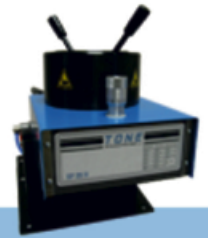
Letterbox TK2-50, TK3-50 und TK3-100 includes:

Order code	TK2-50	TK3-50	TK3-100
Letters	Each of 1 pcs. A,B,I,N,R,S; 2 pcs. P;	Each of 1 pcs. A,B,I,N,R,S; 2 pcs. P;	Each of 1 pcs. A ... Z
Numbers	6x1; 5x2,3,4; 3x5,6,7,8,9,0	6x1; 5x2,3,4,5; 4x6; 3x7,8,9; 4x0	Each of 7 pcs. 0 ... 9
Spacers	5 pcs.	10 pcs.	10 pcs.
Neutral blocks		1x 15mm, 1x 30mm	1x 15mm, 1x 30mm
Tools	Brush, Tweezers, Allen key	Mirror, Brush, Tweezers, Allen key	Mirror, Brush, Tweezers, Allen key

Marking height for all marking letters: 3mm

Special letter's or company „logo's“, on request.

Technical changes are reserved at any time.



Suction unit with Spark arrester FL50-AS18-AD



Special advantages:

- Powerful 800 Watt
- 18 l container volume
- Stainless steel body
- Suction hose 125 cm, Ø40mm, compound covered aluminium
- Reduces significantly the development of odor and sparks *
- Can be retrofitted

*In conjunction with spark killer

Working range:

- Suction capacity: >16 kpa
- Warning: not suitable for permanent operation

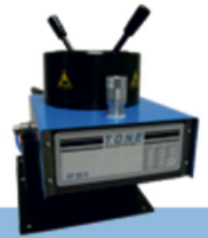
Technical data:

Dimensions: Ø 31 x 28 cm

Electric supply: 230V 50Hz 1Ph

Weight: 3,6 KG

Technical changes are reserved at any time.



Special advantages:

- Powerful 800 Watt
- 18 l container volume
- Stainless steel body
- Suction hose 125 cm, Ø40mm, compound covered aluminium
- Reduces significantly the development of odor and sparks *
- Can be retrofitted

*In conjunction with spark killer

Working range:

- Suction capacity: >16 kpa
- Warning: not suitable for permanent operation

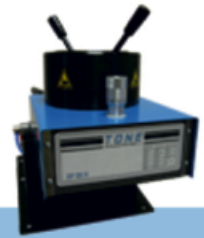
Technical data:

Dimensions: Ø 31 x 28 cm

Electric supply: 230V 50Hz 1Ph

Weight: 3,6 KG

Technical changes are reserved at any time.



Suction unit AS18-T



Special advantages:

- Powerful 800 Watt
- 18 l container volume
- Stainless steel body
- Suction hose 125 cm, Ø40mm, compound covered aluminium
- Reduces significantly the development of odor and sparks *
- Can be retrofitted

*In conjunction with spark killer

Working range:

- Suction capacity: >16 kpa
- Warning: not suitable for permanent operation

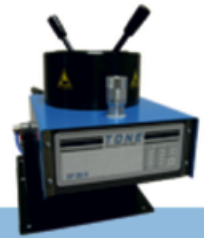
Technical data:

Dimensions: Ø 31 x 28 cm

Electric supply: 230V 50Hz 1Ph

Weight: 3,6 KG

Technical changes are reserved at any time.



Electronic tape dispenser M1000-T



Special advantages:

- Very helpful for tape wrapping on stainless steel wire covered hoses, as PTFE, convoluted hoses etc. (tape wrapping avoids wire-flaring after cut)
- mm + cm Setup possible
- automatic or manual dispensing and cutting mode
- easy to use
- 3-digit LED

Range of applikation:

- 20-999mm (in auto. modus)
- Measurement accuracy = +/- 1mm
- Reel Ø: 75mm / 31mm
- Tape width: 7-50mm

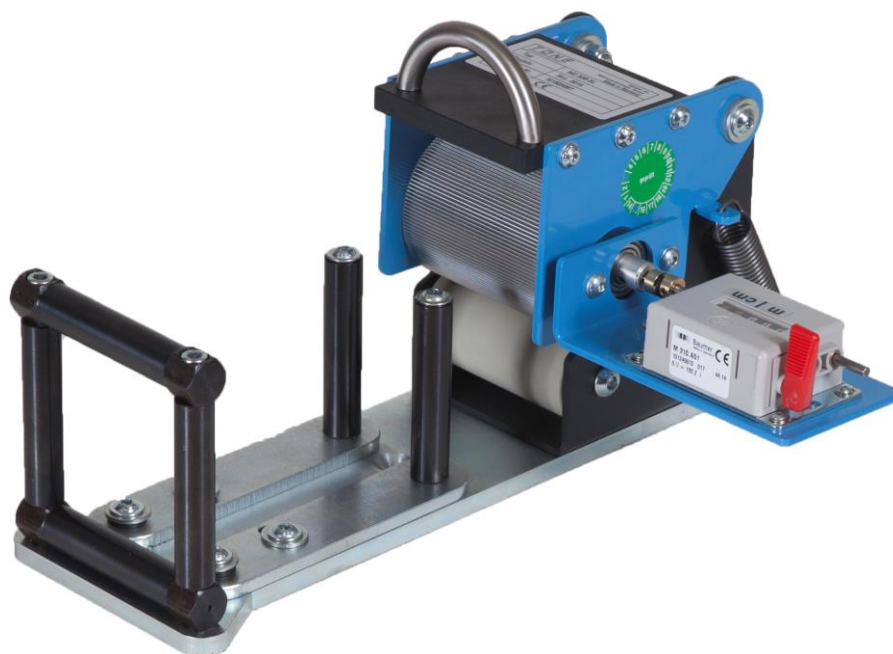
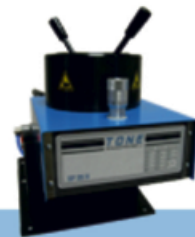
Technical data:

Dimensions in mm: width 137, depth 218, height 150

Eclectic supply: 230V 50/60Hz 1Ph

Weight: 4 KG

Technical changes are reserved at any time.



Special advantages:

- Compact and robust double bearing unit
- Easy to adjust
- Low maintenance, just cleaning
- Manual reset
- Also available for hoses up to 70 mm OD

Working range:

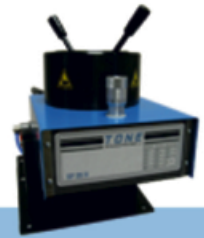
- Capacity: min Ø 6 mm - max. Ø 70 mm
- Length tolerance: $\pm 2\%$
- Pull speed: max. 60.0 m / min

Technical data:

Dimensions in mm: width 300, depth 210, height 140

Weight 5.5 KG

Technical changes are reserved at any time



Manual nipple inserter NEM-50



Special advantages:

- Compact table top unit
- Easy to use, with slightest effort
- Power transmission 1:20
- Robust and precise technology
- Safe and quick mounting
- Low maintenance, also suitable for mobile application
- Special clamping dies for Thermoplastic and small hoses available

Working range:

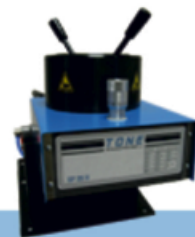
- All hydraulic hoses and fittings from DN 03 (1/8") up to DN 50 (2")
- Straight, 45° and 90° elbows
- standard configuration universal clamping dies

Technical data:

Dimensions in mm: width 650, depth 250, height 140

Weight: 26 KG

Technical changes are reserved at any time



Nipple Inserting Machine NMPE 360



Special advantages:

- Compact table design
- Easy handling with very little effort
- Precise and robust technology
- Safe and fast assembly
- Low maintenance, also suitable for mobile use
- Foot switch for left and right rotation

Operating Range:

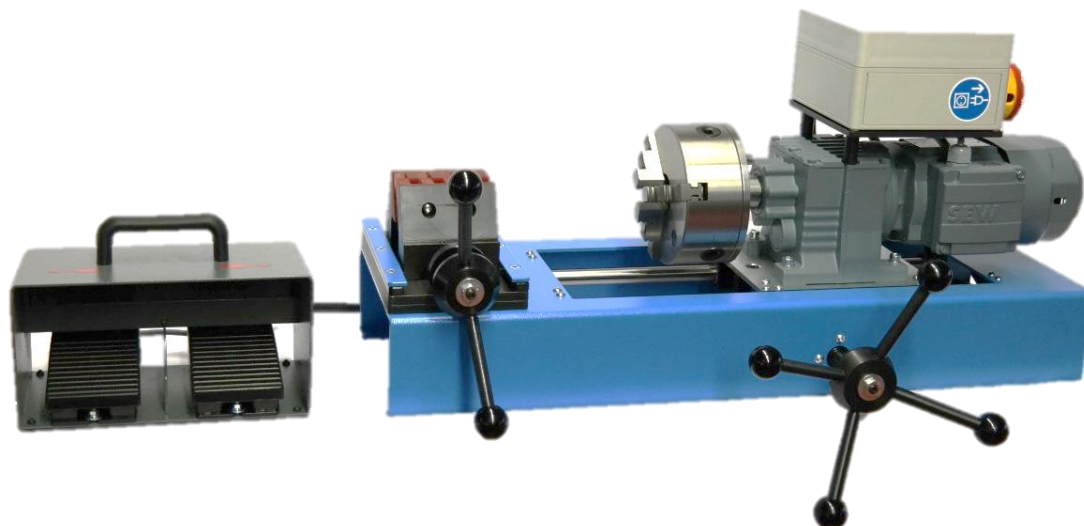
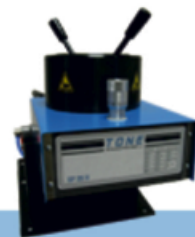
- All hose nipples from DN 06 to DN 50
- All hose fittings from DN 06 to DN 50
- 3 Jaw Universal Chuck 160mm.

Technical specifications:

Dimensions mm: length 530, width 250, height 320
Weight: 31 kg

Electric supply: 3-phase 230V/400V, 50Hz/60Hz
Transmission 0.25kW, 50 rpm

Technical changes are reserved at any time.



Special advantages:

- Compact table design
- Easy handling with very little effort
- Precise and robust technology
- Safe and fast assembly
- Low maintenance, also suitable for mobile use
- Foot switch for left and right rotation

Operating Range:

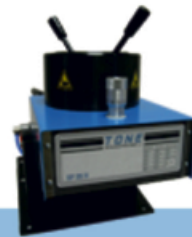
- All hose nipples from DN 06 to DN 50
- All hose fittings from DN 06 to DN 50
- 3 Jaw Universal Chuck 160mm.

Technical specifications:

Dimensions mm: length 530, width 250, height 320
Weight: 31 kg

Electric supply: 3-phase 230V/400V, 50Hz/60Hz
Transmission 0.25kW, 50 rpm

Technical changes are reserved at any time.



Hose pin prick tool PR- 145.3



Special advantages:

- Compact design
- Easy to use
- Robust and precise
- Also usable for thermoplastic hoses
- Tolerances in OD are covered by a spring

Operating Range:

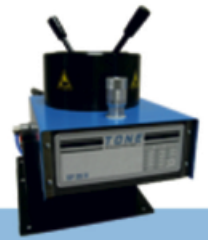
- All rubber and thermoplastic hoses, which are used in Gas applications
- min Ø11,5 – max Ø50

Technical data:

Dimensions in mm: width 195, depth 275, height 180

Weight: 10 KG

Technical changes are reserved at any time.



Hose pin prick tool PR-M2



Special advantages:

- Compact design
- Easy to use
- Pin prick process doesn't need much force
- Also usable, if the hose is assembled and mounted already

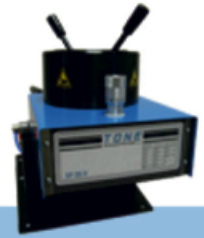
Operating Range:

- All hydraulic hoses, which are used in Gas applications
- min Ø11,5

Technical data:

Dimensions in mm: width 260, depth 45, height 30

Weight: 0.6 KG



Uncoiling plates for pallets ART



Special advantages:

- Keen possibility, to uncoil hoses (up to approx. 1") direct from the pallet
- Easy to mount
- High stability
- Available in 3 sizes: 460, 600, 800mm
- Steplessly adjustable hose guides:
ART-460 90-320mm, ART-600 90-370m, ART-800 170-590mm
- Adapter flange is mountable on almost every pallet

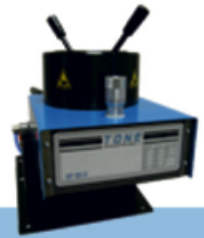
Special designs and customized modifications on request

Max. loading weight: 80Kg

Technical data:

Dimensions: 460x20mm, 600x20mm, 800x20mm
Weight: ART-460: 7.2KG, ART-600: 10.0KG, ART-800: 17.6KG
Color: RAL 7021, powder-coated

Technical changes are reserved at any time



Special advantages:

- Stable version, 7 uncoiling plates (standard)
- 5 turn able and rotate able plates and 2 rotatable ones
- Variable positions of the plates
- Easy to use
- Space saving and compact unit
- Braking wheels (optional)

Operating Range:

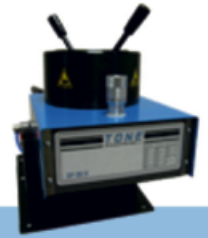
- For hoses up to DN 32 (1 1/4")
- Adjustable hose guides, 200 mm to 450 mm
- Max. load capacity per plate = 120 KG

Technical data:

Dimensions in mm: width 900, depth 900, height 2200

Weight: 97 KG

Technical changes are reserved at any time.



Hose shelf SHR-200



Special advantages:

- Compact and space-saving design
- 5 holders on each side
- Easy to use
- Very flexible
- On wheels (braking wheels on request)

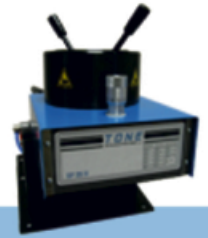
Working range:

- Max. 25 KG each holder
- Max. capacity 250 KG

Technical data:

Dimensions in mm: width 500, depth 400, height 2130

Weight: 16 kg



Special advantages:

- Space-saving and compact design
- Easy to handle

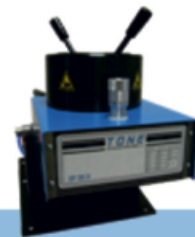
Operating Range:

- Maximum load capacity 150kg.
- Hose reel width Max. 560 mm
- Hose reel diameter 250 mm min. Up to 1200 mm (for 1200 mm reels, you will need 2 uncoil units)
- Roller diameter 80mm

Technical data:

Dimensions in mm: width 670, depth 640, height 110

Weight: 13 KG



Hose uncoiling module: SHM 1200 / SHM 1600



Special advantages:

- Compact hose storage / uncoiling module
- Solid removable plate
- Hose guides infinitely adjustable Ø200 to Ø500mm
- Stackable, up to max. 3 modules
- Safety grip, according to lock-in position
- Low maintenance needed

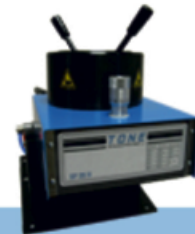
Range of application:

- Loading capacity SHM 1200: 350 KG/Module
- Loading capacity SHM 1600: 450 KG/Module

Dimensions: width 1200mm depth 1200mm height 760mm (SHM 1200)
width 1600mm depth 1600mm height 760mm (SHM 1600)

Weight: 55 KG (SHM 1200)
75 KG (SHM 1600)

Technische Änderungen vorbehalten



Hose uncoiler SHS-250-125 / SHS-350-160



Special advantages:

- Compact and space-saving design
- Heavy duty plate
- Easy to use
- Very flexible
- Hose guides infinitely adjustable (200 - 500 mm)
- Braking wheels included
- Tilting models available

Working range:

- Hoses up to R15 DN50 (2")*
- Max. load capacity 250 KG (SHS-250-125)
- Max. load capacity 350 KG (SHS-350-160)

* on SHS-350-160

Technical data:

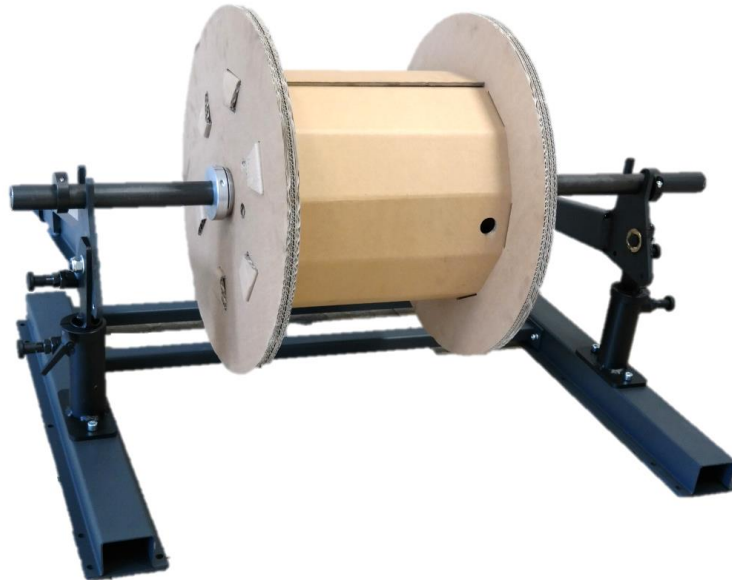
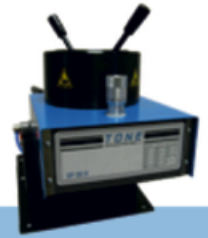
Dimensions in mm: width 1250 (1600), depth 1250 (1600), height 900

Wheel diameter: 1250 (1600) mm

Weight: 40 KG (SHS-250)

55 KG (SHS-350)

Technical changes are reserved at any time.



Special advantages:

- Space-saving and compact design
- Easy to handle with weight lifter
- Light and robust design with for hose drum

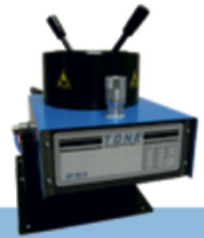
Operating Range:

- Maximum load capacity 400kg.
- Hose reel width Max. 1000 mm

Technical data:

Dimensions in mm: width 1000, depth 1160, height 850

Weight: 130KG



Coiling, measuring and cutting unit SAR 800-Vario



Clamping device



Special advantages:

- Compact hose coiling, measuring and cutting unit
- One person operation possible
- Foot switch with speed control, for precise coiling
- Fast clamping system on the hose coiler
- Flexible possibilities for uncoiling
- Length tolerance: +/- 2%
- Brake wheels, for stabile working
- Cutting machine SM 210-SL included
- Incl. spark arrester and suction unit
- Optional foil dispenser
- Tilting models available

Range of application:

- Hose DN 06 (1/4") up to DN 20 (3/4")
- Hose coil diameter max. 1000mm
- Max. load capacity 120 KG / hose roll

Technical data:

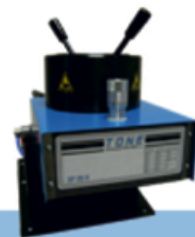
Dimensions in mm: width 2500, depth 800, height 1400

Electric supply: 230V, 50Hz, 1Ph, 0.37kw

Speed: from 0 to max. 36 rpm

Weight: 115 KG

Technical changes are reserved at any time



Tilt able coiling, measuring and cutting unit SAR 100.90-Vario



Clamping device



Special advantages:

- Compact tilt able hose coiling, measuring and cutting unit
- One person operation possible
- Foot switch with speed control, for precise coiling
- Fast clamping system on the hose coiler
- Flexible possibilities for uncoiling
- Length tolerance: +/- 2%
- Brake wheels, for stabile working
- Cutting machine SM 210-SL included
- Incl. spark arrester and suction unit
- Possible to adapt hose reels
- Speed: from 0 to max 35 rot/min

Range of application:

- Hose DN 06 (1/4") up to DN 25 (1")
- Hose coil diameter max. 1000mm
- Max. load capacity 150 KG / hose roll

Technical data:

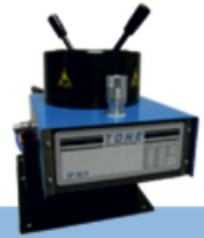
Dimensions in mm: width 2500, depth 800, height 1400

Electric supply: 230V, 50Hz, 1Ph, 0.37kw

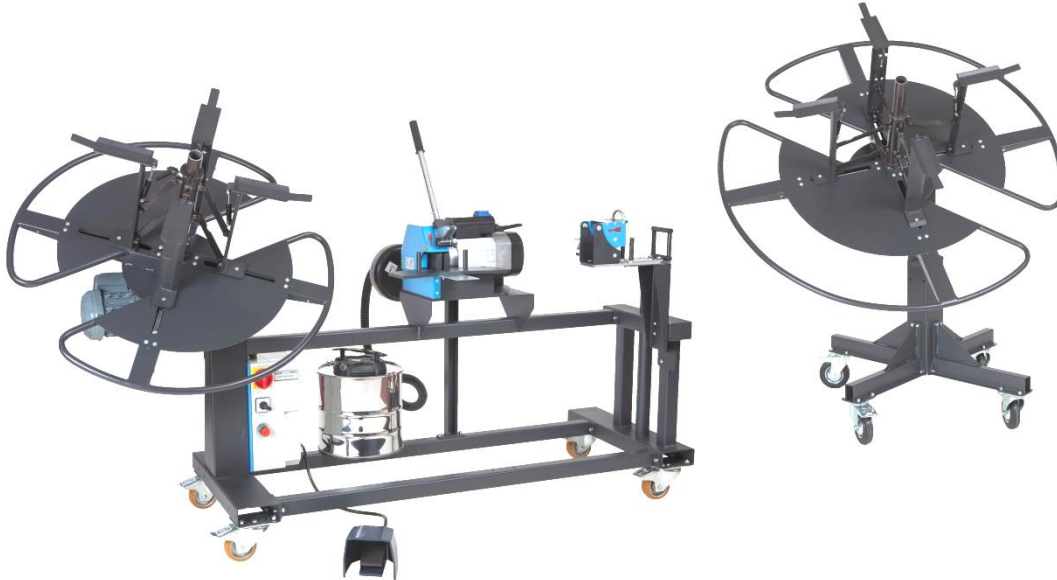
Speed: from 0 to max. 36 rpm

Weight: 115 KG

Technical changes are reserved at any time.



Tilt able coiling, measuring and cutting unit SAR 100.90-Vario and SHS 120-90



Special advantages:

- Compact tilt able hose coiling, measuring and cutting unit
- One person operation possible
- Foot switch with speed control, for precise coiling
- Fast clamping system on the hose coiler
- Flexible possibilities for uncoiling
- Length tolerance: +/- 2%
- Brake wheels, for stabile working
- Cutting machine SM 210-SL included
- Incl. spark arrester and suction unit
- Possible to adapt hose reels

Range of application:

- Hose DN 06 (1/4") up to DN 20 (3/4")
- Hose coil diameter max. 1000mm
- Max. load capacity 100 KG / hose roll

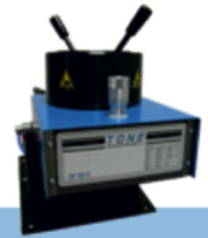
Technical data:

Dimensions in mm: width 2500, depth 800, height 1400

Electric supply: 230V, 50Hz, 1Ph, 0.37kw

Speed: from 0 to max. 36 rpm

Technical changes are reserved at any time.



Hose coiling unit SAR 110-Vario



Special Advantages:

- Compact and mobile hose coiling unit
- One person operation possible
- Coiling plate is tilting adjustable from 0° to 90°
- Hose guides infinitely adjustable (200 - 500 mm)
- Fast clamping system on the hose coiler
- Foot switch with speed control, for precise coiling
- Brake wheels, for stabile working

Range of application:

- Hoses up to DN 50 (2")*
- Max. OD of coil diameter: 1000mm
- Max. load capacity 150 KG

* According to the hose type

Technical data:

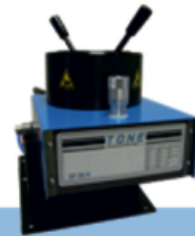
Dimensions in mm: width 1200, depth 1200, height 900

Electric supply: 230V, 50Hz, 1Ph, 0.37kw

Coiling speed: from 0 to max. 36 rpm

Weight: 70 KG

Technical changes are reserved at any time.



Clamp system



Special Advantages:

- Compact and mobile hose coiling unit
- One person operation possible
- Hose guides infinitely adjustable (200 - 500 mm)
- Fast clamping system on the hose coiler
- Foot switch with speed control, for precise coiling
- Brake wheels, for stabile working

Range of application:

- Hoses up to DN 25 (1/2")*
- Max. OD of coil diameter: 800mm
- Max. load capacity 150 KG

* According to the hose type

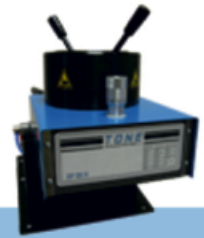
Technical data:

Dimensions in mm: width 1100, depth 860, height 1070

Electric supply: 230V, 50Hz, 1Ph, 0.37kw

Coiling speed: from 0 to max 36 rpm

Technical changes are reserved at any time.



Mobile, light hose cutting device MSA 210-L



Special advantages:

- Very compact version
- Incl. length measuring device, cutting machine and manual coiler
- Spark arrester + suction unit included
- 4x steering – braking wheels

Range of application:

- max. R2 ½" approx. 25m

Technical data:

Dimensions in mm: width: 1200 depth: 800 height: 880

Electrical power: 230V 50Hz 1Ph

Weight: 83kg

Technical changes are reserved at any time.

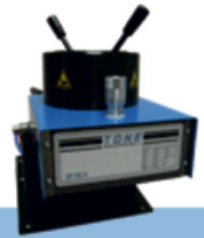


Table for cutting machines: UBT 210-275 / 350-400



Special advantages:

- Very stable undertable, for cutting machines
- Due to the bolted design, the complete table can be shipped in single parts (low cost transportation)
- Easy assembling

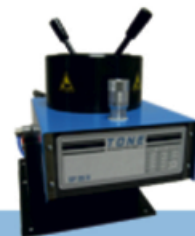
Range of application:

- UBT 210-275 for TONE cutting machines SM210-SL or SM275-SL
- UBT 350-400 for TONE cutting machines SM350-SL or SM400-SL

Technical data:

Capacity:	160 kg
Dimensions in mm:	
UBT 210-275	width 420, depth 380, height 685
UBT 350-400	width 500, depth 600, height 685
Weight UBT 210-275:	13 kg
Weight UBT 350-400:	16 kg

Technical changes are reserved at any time



Hose coil lifter SHV-200-SL



Special advantages:

- Light and robust design for easy lifting of (hose) tube bundles.
- Very suitable for lifting hose bundles all of kind.
- Space - saving and compact design
- Easy to use
-

Capacity:

Tube bundles with inner diameter from 160mm up to 800mm.

Working range:

Max. 200 kg. Load capacity

Color: Black

Technical specifications

Dimensions 850 x 350 x 350 mm. Weight 8.50 Kg

Technical changes are reserved at any time.