



SHEET METAL WORKING MACHINES



**MOTORIZED, HYDRAULIC SHEARS
AND CUT TO LENGTH LINES**
AN INDIVIDUAL MACHINE FOR YOUR REQUEST



WWW.HMTRANSTECH.COM

Manual, motorized, hydraulic shears and cut to length lines



Our company offer wide range of shears, manual (separated catalogue), motorized and hydraulic.

Motorized shears

Designed for straight cutting of standard steel, stainless steel, aluminium and plastic sheets. After some adjustments, the shears for cutting, for instance, wire mesh fences and other materials can be delivered.

Our most popular models (MPS, MPSH, TKS) are driven by an electric motor with a transmission that drives a swing beam is used. This results in the penetration of the upper and the lower knife into the material being cut and, eventually, to its cutting through.

This brings many advantages:

- almost no burrs
- knives are sharp for long time
- short setup times
- simple adjustment gap between knives
- minimum twisty of free parts (about 10-15 times sheet thickness)

Our shears are equipped with standard accessories and extensive special features that the customer can combine as needed.

Moreover, it is possible to select the exit section position based on one's individual needs.

Hydraulic shears

They are the most efficient machines that allow to cut sheets up to a thickness of 20 mm and a length of 3 m. They shall apply in small series or series production. NC control system allows control of the back gauge, to set a relevant shearing angle and the gap between the blades.

Cut to length lines

They are intended for cutting sheets from coil. Construction of lines is modular, so we can deliver the line exactly according to the customer requirements. Maximum thickness of material is 2,25mm and a maximum coil width is 1500mm.

Our modular system makes it possible to offer the machines that would fully meet the both, your technical needs and financial possibilities. Our customers that we have been supplying with machines since 1997 would surely confirm that. It is a good reasons for a successful partnership.

Slavomila Lukčová

Slavomila Lukčová
Executive director

Table for selection of suitable shears:

Thickness sheet metal 400N/mm ²	Working length			
	650mm	1000mm	1250mm	1500mm
1,00mm		STS TS-M	TGS TGSP	
1,25mm	STS		TLS	
1,50mm		STLS	TPS	TPS
2,00mm				
2,25mm		STLS		
2,50mm				MLS
3,00mm			MLS	
3,50mm				MPS MPSH
4,00mm			MPS MPSH	
4,50mm			TKS	
5,00mm				TKS
6,00mm				
6,00 - 20,00mm				



Manual shears



Motorized shears

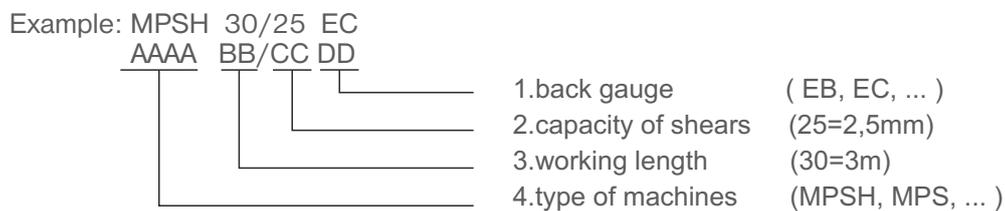


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Labeling of motorized shears :



Standard colors:

	RAL 7035
	RAL 7016
	RAL 3001

Customer colours for an extra charge.

Working length				Thickness sheet metal 400N/mm ²
2000mm	2500mm	3000mm	4000mm	
	TPS	TPS	MLS	1,00mm
TPS				1,25mm
	MLS		MPS	1,50mm
		MPS	MPSH	2,00mm
				2,25mm
MLS	MPS		TKS	2,50mm
MPS		MPSH		3,00mm
				3,50mm
MPSH	MPSH	TKS		4,00mm
	TKS			4,50mm
TKS				5,00mm
				6,00mm
THS	THS	THS		6,00 - 20,00mm



Manual shears



Motorized shears



Hydraulic shears



Motorized shears TS-M

Machines TSM 10/10 are shears of steel construction suitable for cutting thin sheet metal, printed circuit boards, plastics and etc.

They are normally equipped with the simple manual back gauge with the possibility of cutting at an angle and with an illuminated shearing line.

Back gauge is equipped with a millimeter scale. They are equipped with LED lighting cutting line, the front and rear angle gauge, and are driven by an electric motor and are suitable for use in series production.

We can supply on request of customer the stand that facilitates operation of the machine.

The machine is easy to maintain and operate. The manual version is marked as type TS.

STANDARD EQUIPMENT:

- LED cutting line light
- automatic sheet holder
- back gauge with millimeter scale
- front angle stop
- foot switch
- back safety system (only TS-M)

SPECIAL EQUIPMENT:

- special knives
- stand

TECHNICAL PARAMETERS

Model	Shearing length mm	Max. sheet thickness steel 400N/mm ² mm	Max. sheet thickness stainless 600N/mm ² mm	Max. sheet thickness aluminium 275N/mm ² mm	Cuts number / min. -	Motor kW	Table width mm	Table height mm	Length mm	Width mm	Height mm	Weight kg
10/10	1020	1,00	0,70*	1,30	54	0,75	265	340	1250	950	535	185

* for stainless steel cutting is needed to order hardened tools for stainless



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Motorized shears MLS

MLS, MLSEB, MLSEC

Motorized guillotine shears are designed as guillotine for cutting of metallic and non-metallic materials.

Compact and well-sized design with motoric driver by electric motors ensures an efficient operation with low level of noise.

They are supplied as standard with manual back gauge.

As an option, the motoric back gauges EB or EC can be delivered.

When cutting thin materials, it is appropriate to use a pneumatic sheet catcher by which the quality of the cut increases.

Shears are normally supplied with lighting shear line. Shears can work in single cut mode or in continuous mode if requirement for a higher cadence applies.

The foot pedal is used for control of the shears.

MLS	• manual back gauge 5-750mm
MLS EB	• motorized back gauge 5-750mm, with manual fine adjustment to the position
MLS EC	• motorized back gauge 5-750mm, NC control system

STANDARD EQUIPMENT:

- knives for mild steel with two cutting edge
- rubbered sheet holder
- front delivery material up to cutting dimensions 150mm
- rear delivery material from cutting dimensions 150mm
- basic table 650mm (page 13)
- mode of single or continual cuts
- stroke counter (only for MLS EC)
- LED cutting line light
- foot switch
- 3x400V, 5m power cable

SPECIAL EQUIPMENT:

- extension for manual or motorized back gauge up to 1000mm
- mechanical or optical back safety system (page 12)
- removal sheared material in front of shears (page 15)
- pneumatic sheet catcher for thin plates with back slip (page 14)
- squaring arm with scale and T-slot 1000mm or 1500mm (page 13)
- extension arm of table with balls 650mm or 1000mm (page 13)
- goniometer with scale (page 12)
- stroke counter (for MLS and MLS EB)
- pair of knives for stainless steel with two cutting edge
- removal palette 300kg, 1000kg (page 14)
- customer colors

For **MLS** motorized shears we recommend:
Folding machines **TFM** or **SLF**

TECHNICAL PARAMETERS

Model	Shearing length mm	Max. sheet thickness steel 400N/mm ² mm	Max. sheet thickness stainless 600N/mm ² mm	Max. sheet thickness aluminium 275N/mm ² mm	Cuts number / min.	Motor kW	Back gauge mm	Table width mm	Table height mm	Length mm	Width with backgauge mm	Height mm	Weight kg
12/30	1275	3,00	2,20*	4,00	35	3,0	750	330/930	825	1650	1708	1100	790
15/25	1525	2,50	1,80*	3,00	35	3,0	750	330/930	825	1925	1708	1100	850
20/25	2025	2,50	1,80*	3,00	35	3,0	750	330/930	825	2420	1708	1130	995
25/15	2525	1,50	1,20*	2,50	35	3,0	750	330/930	825	2920	1708	1130	1150
30/10	3025	1,00	0,70*	2,00	35	3,0	750	330/930	825	3420	1708	1130	1350

* for stainless steel cutting is needed to order hardened tools for stainless



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Motorized shears MPS

MPS, MPSEB, MPSEC

Motorized shears of MPS series are from the rigid welded construction. The drive mechanism is provided by powerful electric motor with brake and swing beam. Shears are normally equipped by rubber sheet holder and manual back gauge in the range 5 -750 mm.

Table of shears is equipped by lateral guidance for complying with perpendicularity of the cut. There are also for disposal the extensions, abundant special equipment including motor back stops, slides and unloading pallet, which allows comfortable removal of cut material from the machine area.

For cutting of thin sheet metal, it is recommended to use the sheet catcher device that ensures holding of the material in the plane of the table to achieve good quality of shearing.

Shears are controlled by movable foot pedal with the immediate stop function. For suitable selection shears you can choose from special equipment.

- | | |
|--------|---|
| MPS | • manual back gauge 5-750mm |
| MPS EB | • motorized back gauge 5-750mm, with manual fine adjustment to the position |
| MPS EC | • motorized back gauge 5-750mm, NC control system |

STANDARD EQUIPMENT:

- knives for mild steel with two cutting edge
- rubbered sheet holder
- basic table 650mm (page 13)
- removal sheared material behind of shears (page 14)
- mode of single or continual cuts
- stroke counter
- foot switch
- 3x400V, 5m power cable

SPECIAL EQUIPMENT:

- adjusting system for gap between knives (see page 11)
- extension for manual or motorized back gauge up to 1000mm
- mechanical or optical back safety system (page 11)
- hold-down pneumatic beam
- removal sheared material in front of shears (page 15)
- back slip (page 14)
- pneumatic sheet catcher for thin plates with back slip (page 14)
- squaring arm with scale and T-slot 1000mm or 1500mm (page 13)
- full table 650mm or 1000mm (page 13)
- full table with T-slot 650mm or 1000mm
- goniometer with scale (page 12)
- pair of knives for stainless steel with two cutting edge
- LED cutting line light
- removal palette 300kg, 1000kg (see page 14)
- customer colors

For MPS motorized shears we recommend:
Folding machines SLF or TSM

TECHNICAL PARAMETERS

Model	Shearing length mm	Max. sheet thickness steel 400N/mm ² mm	Max. sheet thickness stainless 600N/mm ² mm	Max. sheet thickness aluminium 275N/mm ² mm	Cuts number / min. -	Motor kW	Shearing angle °	Table width mm	Table height mm	Length mm	Width with backgauge mm	Height mm	Weight kg
12/40	1300	4,00	3,00*	5,00	35	4,0	2,40	400	800	1830	1815	1160	1280
15/35	1550	3,50	2,50*	4,75	35	4,0	2,00	400	800	2030	1815	1160	1330
20/30	2050	3,00	2,25*	4,50	35	4,0	2,00	400	800	2580	1815	1160	1450
25/25	2550	2,50	1,75*	4,00	35	4,0	1,75	400	800	3080	1815	1160	1650
30/20	3050	2,00	1,50*	3,00	35	4,0	1,50	400	800	3580	1815	1160	1850
40/15	4050	1,50	1,00*	2,00	-	4,0	1,30	400	800	4580	1815	1160	2320

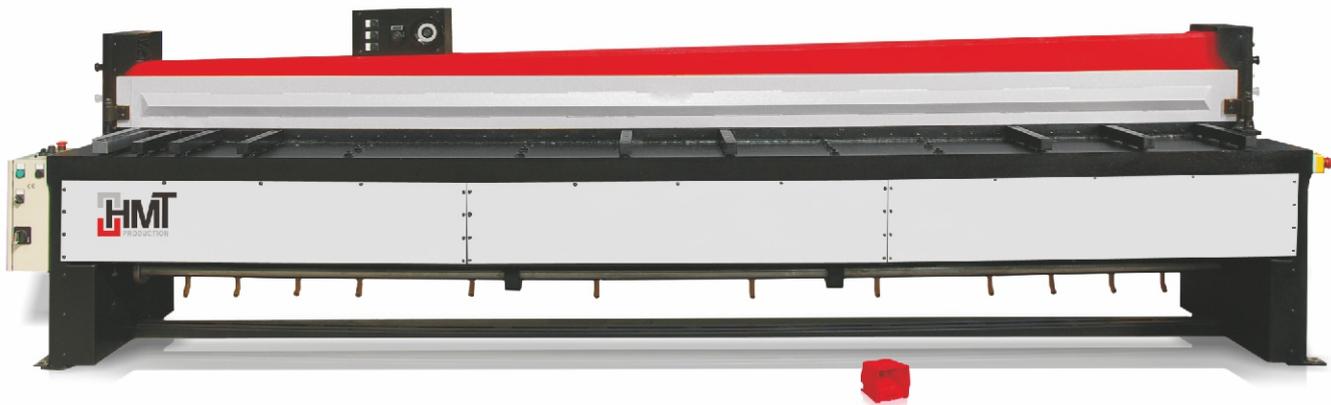
* for stainless steel cutting is needed to order hardened tools for stainless



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Motorized shears MPSH

MPSH, MPSHEB, MPSHEC

MPSH type shears are designed for cutting sheets of metallic or non-metallic materials. Strong welded construction together with electric motor and swing beam ensure high capacity, speed and quality of cutting. Motorized shears of the MPSH type are reinforced version of the MPS shears, thus allowing it to cut thicker materials, and therefore they are equipped with a system for gap adjustment of the clearance between the blades, thus ensuring a high quality of shearing for different thicknesses of material.

System of two rotating caps located on the left and the right side is equipped with a gauge for the correct setting of the gap.

Machines are normally equipped with the manual back gauge with metering of position, blades consisting of two shearing edges, counter for numbering of cuts, and by rubbery retainer of sheet metal that prevents damage to the material during cutting process.

Control of shears is provided by movable foot pedal with immediate stop function.

- MPSH • manual back gauge 5-750mm
- MPSH EB • motorized back gauge 5-750mm, with manual fine adjustment to the position
- MPSH EC • motorized back gauge 5-750mm, NC control system

STANDARD EQUIPMENT:

- easy adjusting system for gap between knives (see page 12)
- knives for mild steel with two cutting edge
- rubbered sheet holder
- basic table 650mm (page 13)
- removal sheared material behind of shears (page 14)
- mode of single or continuous cuts
- stroke counter
- foot switch
- 3x400V, 5m power cable

SPECIAL EQUIPMENT:

- extension for manual or motorized back gauge up to 1000mm
- mechanical or optical back safety system (page 11)
- hold-down pneumatic beam
- removal sheared material in front of shears (page 15)
- back slip (page 14)
- pneumatic sheet catcher for thin plates with back slip (page 14)
- squaring arm with scale and T-slot 1000mm or 1500mm (page 13)
- full table 650mm or 1000mm (page 13)
- full table with T-slot 650mm or 1000mm
- goniometer with scale (page 12)
- pair of knives for stainless steel with two cutting edge
- LED cutting line light
- removal palette 300kg, 1000kg (see page 14)
- customer colors

For MPSH motorized shears we recommend:
Folding machines TVM

TECHNICAL PARAMETERS

Model	Shearing length mm	Max. sheet thickness steel 400N/mm ² mm	Max. sheet thickness stainless 600N/mm ² mm	Max. sheet thickness aluminium 275N/mm ² mm	Cuts number / min. -	Motor kW	Shearing angle °	Table width mm	Table height mm	Length mm	Width with backgauge mm	Height mm	Weight kg
12/45	1300	4,50	3,50*	5,50	35	5,5	2,40	400	820	1830	1815	1180	1340
15/40	1550	4,00	3,00*	5,50	35	5,5	2,20	400	820	2130	1815	1180	1450
20/40	2050	4,00	3,00*	5,50	35	5,5	2,00	400	820	2580	1815	1180	1520
25/40	2550	4,00	2,75*	5,50	35	5,5	1,75	400	820	3080	1815	1180	1810
30/30	3050	3,00	2,25*	4,50	35	5,5	1,50	400	820	3580	1815	1180	2050
40/20	4050	2,00	1,50*	3,00	35	5,5	1,50	400	820	4580	1815	1235	2650

* for stainless steel cutting is needed to order hardened tools for stainless



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Motorized shears TKS

TKS, TKSEB, TKSEC

Motorized shears of the TKS type are the latest product of manufacturer and belong to the most powerful machines of their category that are available on the market. They are designed with swing beam for cutting of plates from steel, stainless steel, aluminum, etc.

The robust steel construction and powerful direct actuator gives the machine the possibility to cut of sheets up to 5mm of thickness. Required quality of shearing for different thicknesses and material quality can be achieved by setting the optimal clearance between the blades.

Sheet holder is rubberized and this prevents the damage to the material during cutting process. When cutting dimensional sheets, it is recommended to use both the extension arms on the table and table segments for easier handling with material sheared.

Control of the machine is provided by foot pedal. The wide standard and special accessories allow choosing the optimal device that is exploitable in manufacturing, construction, maintenance and servicing.

- | | |
|--------|---|
| TKS | • manual back gauge 5-750mm |
| TKS EB | • motorized back gauge 5-750mm, with manual fine adjustment to the position |
| TKS EC | • motorized back gauge 5-750mm, NC control system |

STANDARD EQUIPMENT:

- easy adjusting system for gap between knives (see page 12)
- knives for mild steel with two cutting edge
- rubbered sheet holder
- front support squaring arm with scale
- full table 650mm or 1000mm (page 13)
- removal sheared material behind of shears (page 14)
- mode of single or continual cuts
- stroke counter
- foot switch
- 3x400V, 5m power cable

SPECIAL EQUIPMENT:

- extension for manual or motorized back gauge up to 1000mm
- mechanical or optical back safety system (see page 12)
- hold-down pneumatic beam
- removal sheared material in front of shears (page 15)
- back slip (page 14)
- pneumatic sheet catcher for thin plates with back slip (page 14)
- squaring arm with scale and T-slot 1000mm or 1500mm (page 13)
- full table with T-slot 650mm or 1000mm
- goniometer with scale (page 12)
- pair of knives for stainless steel with two cutting edge
- LED cutting line light
- removal palette 300kg, 1000kg (see page 14)
- customer colors

For TKS motorized shears we recommend:
Folding machines **MAXI**

TECHNICAL PARAMETERS

Model	Shearing length mm	Max. sheet thickness steel 400N/mm ² mm	Max. sheet thickness stainless 600N/mm ² mm	Max. sheet thickness aluminium 275N/mm ² mm	Cuts number / min. -	Motor kW	Shearing angle °	Table width mm	Table height mm	Length mm	Width with backgauge mm	Height mm	Weight kg
12/50	1300	5,00	3,75*	5,80	35	7,5	2,4	440	840	1960	1921	1235	1450
15/50	1550	5,00	3,75*	5,80	35	7,5	2,2	440	840	2210	1921	1235	1600
20/50	2050	5,00	3,50*	5,50	35	7,5	2,1	440	840	2710	1921	1235	1750
25/45	2550	4,50	3,25*	5,00	35	7,5	1,8	440	840	3250	1921	1235	2150
30/40	3050	4,00	3,00*	4,50	35	7,5	1,6	440	840	3750	1921	1235	2500
40/25	4050	2,50	1,75*	4,00	-	7,5	1,4	440	840	4980	1921	1235	3400

* for stainless steel cutting is needed to order hardened tools for stainless



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Hydraulic shears THS

THS hydraulic shears are designed as guillotine for cutting of table metal sheets with thickness up to 20 mm and with lengths from 2 m to 3 m.

Solid structure and easily programmable control system ensures a quality of cutting. CNC programming system works in dialog mode; calculates optimal setting of the clearance between the blades, the optimal cutting angle and the minimal stroke of the cutting beam depending on the length of the sheet metal cutting.

The servo-driven backgauge on ball-screw in combination with control system, allows the operator to program different target positions for several cuts over one sheet and cut the sheets without any need to touch the operator control.

Our optional pneumatic thin sheet catcher system is assuring the perfect gauging while entering the sheet into machine as well as supporting during the cutting action.

STANDARD EQUIPMENT:

- heavy duty steel construction
- user friendly CNC touch control system
- automatically adjustment cutting length by CNC
- automatically adjustment blade gap by CNC
- adjustment of shearing angle (2 positions)
- front table including balls for easy handling with sheets
- motorized back gauge with ballscrews
- optical back safety system (only for EU country)
- table extension 1500 mm
- front support squaring arm with scale 1000 mm
- knives for mild steel with 2 cutting edges
- illumination by LED and shadow line
- high performance hydraulic components
- finger safety guard
- foot switch
- 3x400V, 5m power cable

SPECIAL EQUIPMENT:

- squaring arm with scale and T-slot 1000mm or 1500mm
- extension arm of table with 1pc T-slot 1000mm or 1500mm
- tilting back gauge for cutting long sheet
- goniometer with scale
- pneumatic sheet catcher
- pair of knives for stainless steel with two cutting edge
- customer colors

For THS motorized shears we recommend:
Folding machines **MAXI** or **MAXI PLUS**



Motorized back gauge with pneumatic sheetcatcher and optical back safety



The table plates with ball elements and extension arm



TECHNICAL PARAMETERS OF HYDRAULIC SHEARS THS

Model	Shearing length mm	Maximum sheet thickness			Shearing angle °	Cuts number /min.	Number of hold downs -	Hold down force kg	Motor kW	Oil tank litre	Table height mm	Length mm	Width mm	Height mm	Weight kg
		Steel 400N/mm ² mm	Stainless 600N/mm ² mm	Aluminium 275N/mm ² mm											
20/06	2040	6,0	4,5*	8,0	1,4/2,7	14	12	1100	11	70	980	2620	3140	2100	4300
20/08		8,0	6,0*	10	1,4/2,7	13	12	2000	15	70	980	2620	3140	2100	5000
20/10		10	7,5*	13	1,4/2,7	12	12	2000	18,5	70	980	2700	3150	2100	5100
20/12		12	9,0*	16	1,4/2,7	12	12	2000	18,5	70	980	2700	3150	2100	6000
20/16		16	12*	20	1,9/3,3	12	14	2500	23,5	70	1010	2760	3170	2180	8100
20/20		20	14*	22**	1,9/3,3	12	14	2800	30	100	1010	2780	3170	2180	9200
25/06	2540	6,0	4,5*	8,0	1,4/2,7	12	14	1100	11	85	980	3120	3140	2100	4900
25/08		8,0	6,0*	10	1,4/2,7	11	14	2000	15	85	980	3120	3140	2100	5700
25/10		10	7,5*	13	1,4/2,7	10	14	2000	18,5	85	980	3200	3150	2100	5900
25/12		12	9,0*	16	1,4/2,7	10	14	2000	18,5	85	980	3200	3150	2100	6900
25/16		16	12*	20**	1,9/3,3	10	17	2500	23,5	85	1010	3200	3170	2180	9100
25/20		20	14*	22**	1,9/3,3	9	17	3400	30	125	1010	3200	3170	2180	10800
30/06	3060	6,0	4,5*	8,0	1,4/2,7	10	16	1100	11	100	980	3640	3140	2100	5600
30/08		8,0	6,0*	10	1,4/2,7	9	16	2000	15	100	980	3640	3140	2100	6300
30/10		10	7,5*	13	1,4/2,7	8	16	2000	18,5	100	980	3720	3150	2100	6900
30/12		12	9,0*	16	1,4/2,7	8	16	2000	18,5	100	980	3720	3150	2100	7800
30/16		16	12*	20**	1,9/3,3	8	19	2500	23,5	100	1010	3780	3170	2180	10400
30/20		20	14*	22**	1,9/3,3	8	19	4000	30	130	1010	3800	3170	2180	11900

* for stainless steel cutting is needed to order hardened tools for stainless
 ** need to consult with producer

Back gauge

manual



Manual back gauge

- with subtracting of the length of the cut.
- in lengths from 5 to 750 mm, on special request to the length of 1000 mm

Back gauge

motorized



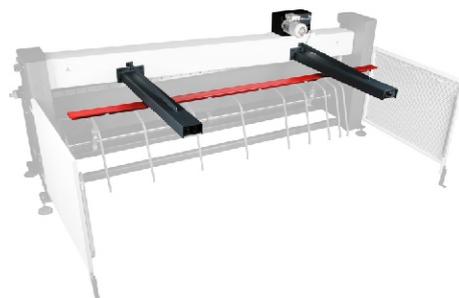
Motorized back gauge with control system EB

- motorized back gauge 5-750 mm with front actuation by buttons "+" and "-" and by manual fine adjustment of precise positioning
- this control is suitable for series productions
- single cutting mode
- continuous cutting mode
- counter of cuts
- foot pedal
- on special request to the length of 1000mm



Motorized back gauge with control system EC

- motorized back gauge 5-750 mm operating from the front
- ball screw spindle and belt
- programmable NC system with 5.7" color touch screen, working with 49 programs in 15 steps
- possibility to program the length of the sheared material and the number of sheared pieces
- the number of programmed steps are practically unlimited
- single cutting mode and continuous cutting mode
- USB port for saving programs
- stroke counter
- foot pedal
- on special request to the length of 1000mm



Motorized back gauge (back view)

- back gauge construction is the same for EB or EC control system

Safety system

Back safety system

is used to prevent access by persons in the process of cutting into the rear space of shears. Up to 2m is possible to select optical or mechanical system. For more than 2m is possible only optical system. (without MLS)

Back safety system is supplied in two versions:



1. photo-optical system

- the interruption of the light beam between the sidewalls of shears will automatically turn shears off
- for all machines longer than 2m is available only photo-optical system
- for motorized back gauge with control system EC only optical system



2. mechanical systems

- tilting disconnects terminal switches and shears are automatically stop
- for motorized back gauge with control system EC is not possible

Other



Goniometric with scale

- T-groove and gauge allow easy adjustment in cutting of metal sheets at an angle.



Adjusting system for gap between knives

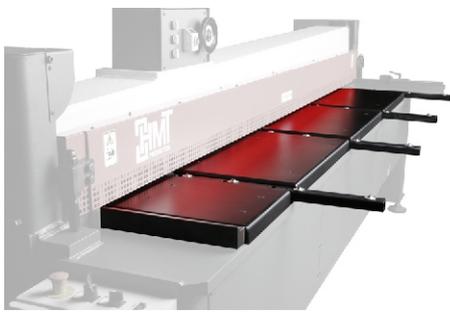
- possibility for setting of shearing clearance, depending on the thickness and quality of the material
- standard supplied for MPSH and TKS shears

Front support



Basic table 650mm

- extension 400mm and 650mm of table is delivered as a simple console (number of extensions are depend of working length)
- squaring arm 400mm
- as standard for MPS and MPSH



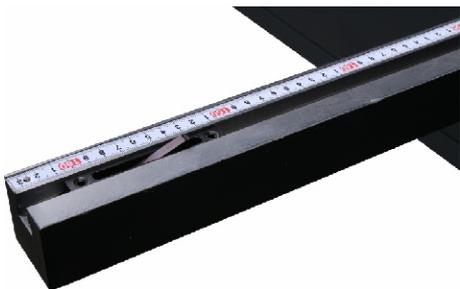
Full table

- allow creating of full table for the MPS, MPSH and TKS types
- extension 650mm (1000mm) of table is delivered as a simple console with balls (number of extensions are depend of working length) or with T-slot
- squaring arm 400mm
- as standard for TKS



Squaring arm

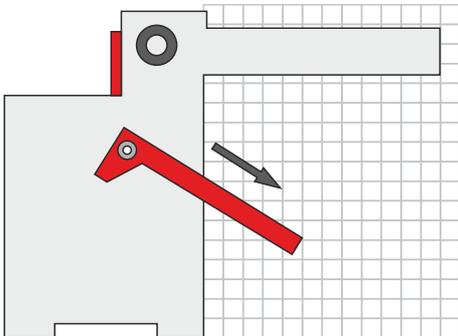
- squaring arm with scale and coating indent
- 400mm arm is standard for MPS, MPSH and TKS
- longer than 400mm as options



Extension arm of table with scale and 1pc T-slot

- extension of table is delivered as a console with scale and T-slot for measure cutting material in front of shears

Removal sheared material



Removal sheared material behind of shears

- this variant brings benefits in the case of cutting large quantities of materials or stacking,
- rear side of shears is possible to add stocking system or pallet.
- for type MPS, MPSH and TKS



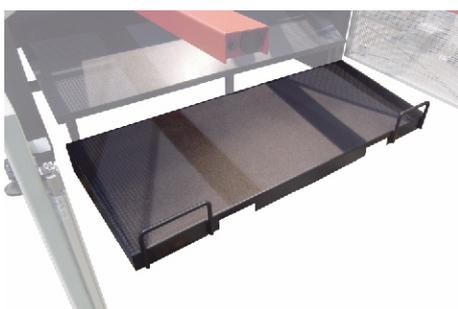
Sheet catcher with back slip

- prevents the overhang of metal sheet from the rear stop and by which the required accuracy and quality of shearing is ensured
- the control is provided via a pneumatic cylinders and movement is synchronized with the movement of shears
- working up to thickness 4mm sheet metal
- only for removal sheared material behind of shears
- for comfortable work with sheet catcher we recommend back slip



Back slip

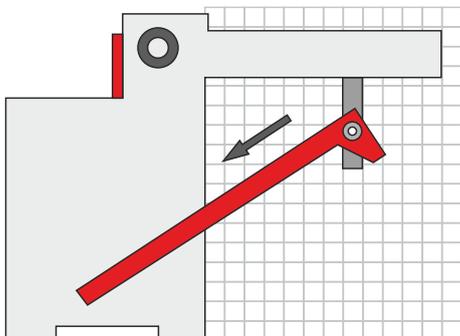
- provides the slip of chopped products outside of shears, for example into the pallet
- not available for MLS



Pallet for stacking

- facilitates the removal of chopped metal sheets from the back of shears using palettizing girder or wheels.
- is supplied with a lifting capacity of 300 kg and 1,000 kg
- recommended with sheet catcher and back slip

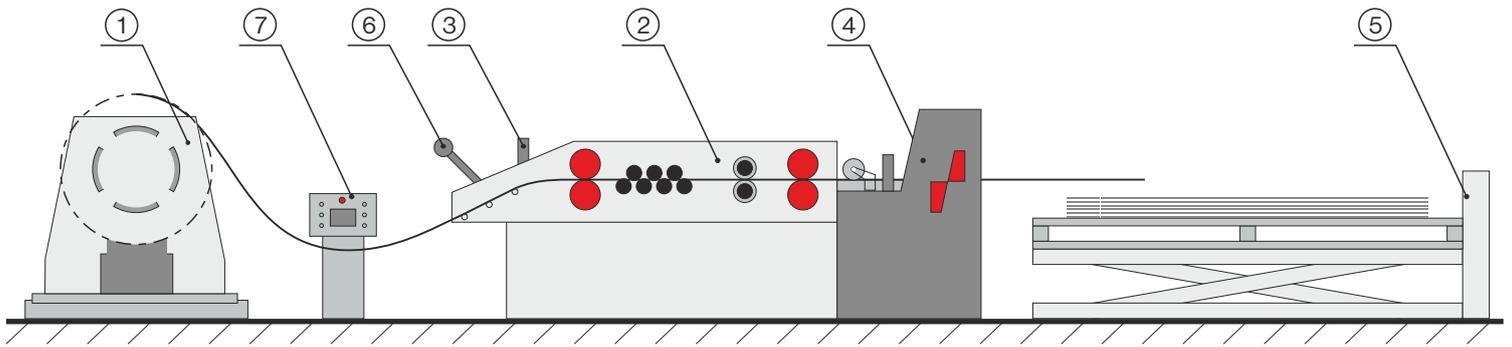
Removal sheared material



Removal sheared material in front of shears

- depositing sheared material to the front of the hinges, the advantages in cutting
- less material and material of smaller size which need not be stacked.
- for type MPS, MPSH and TKS





Structural diagram of the cut to length line with storage device

Cut to length lines

Lines modules

1. Uncoiler
2. Technological module
3. Centering module
4. Transverse splitting module

5. The storage module
6. Foil wrapping module
7. Control module

Lines MCL (Modular cutting lines)

Intended for splitting of metal materials, which are supplied in coils, into sheets or strips, which can be stacked or winding by automated way. Splitting process is highly efficient, individual operations are performed simultaneously in automatic mode with minimal need for manual adjustment.

For the construction lines (MCL) is available set of modules from which purposeful structure of lines can be assembled, according to customer requirements.

Technology modules (TM):

they integrated both submission, straightening and longitudinal cutting. TM compact solution significantly reduces space requirements to install the line. TM parameters indicate the parameters of the lines as well (see chart).

Unwinding modules:

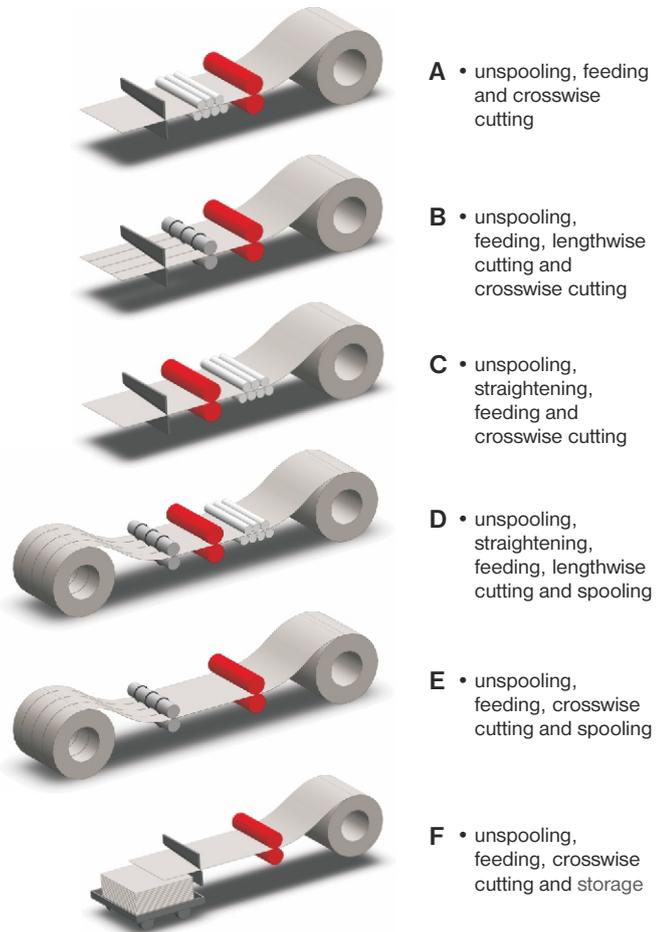
Supplied as mechanical or motoric ones with coil weight from 3 tons to 10 tons, for the width of 1000 mm, 1250 mm and 1500 mm.

MCL are economically cost-effective solution that increases productivity, reduces costs and prevents the generation of waste in splitting of coils.

MCL parameters we can change by customer request.



Composition of lines:



TECHNICAL PARAMETERS OF TYPICAL TECHNOLOGY MODULES

Model	Working width mm	Max.sheet thickness steel 400N/mm ² mm	Max.sheet thickness stainless 600N/mm ² mm	Max.sheet thickness aluminium 275N/mm ² mm	Number of straightening rolls ks	Number of feeding rolls ks	Speed m/min	Motor kW	Weight kg
TM0	1050	1,25	0,50	2,00	5	2	25	0,75+1,1	1500
TM1	1250	1,75	1,00	3,50	5	2(4)	15	3+2,2	2450
TM2	1250	2,25	1,50	4,00	7	4	25	4+2,2	2800
TM3	1500	1,50	1,00	3,00	5	2(4)	15	3+2,2	3050
TM4	1500	2,00	1,00	3,50	7	4	25	4+2,2	3200

Other parameters by customer request.

Producer reserves the right to change all specifications subject without notice
Actual information about our products you can find on www.hmtranstech.com



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WWW.HMTRANSTECH.COM

Sales map



The most important referencies

Slovakia and Czech republic



TRNAVA - SK



NOŠOVICE - CZ



BRATISLAVA - SK



DUBNICA NAD VÁHOM - SK



NYÍREGYHÁZA - HU

KLADNO - CZ



KOŠICE - SK



BRATISLAVA - SK



KYSUCKÉ NOVÉ MESTO - SK

Železničná spoločnosť Cargo Slovakia, a.s.
Slovenké elektrárne, a.s. Jaslovske Bohunice
Vodohospodárske stavby, a.s., Nitra
PSS Svidník a.s.
Eustream a.s.
Raven a.s.

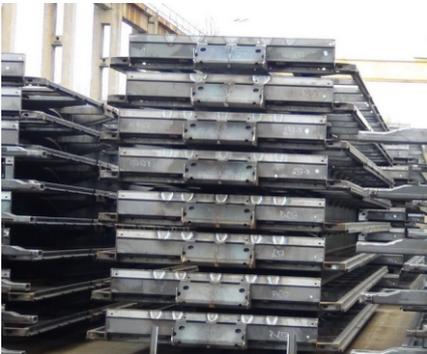
Kerex s.r.o.
PPA Energo s.r.o.
Lamina s.r.o.
MT Inox s.r.o.
Tomark s.r.o.
Tomarkaero

Czech Airlines Technics a.s.
Lindab Česká republika
Koma modulár s.r.o.
Isotra a.s.
Pulsklima s.r.o.
Triplex s.r.o.
and others ...

Some industry applications

Manufacture of superstructures for trucks
Manufacture of containers
Manufacture of garage doors
Manufacture of electrical distributors
Manufacture of fireplace inserts
Maintenance and service centers
Production of parts and sub-assemblies for agriculture engineering
Automotive

Profiles for roofers
Production of labels
Production of light commercials
Production of plastic windows
Production of industrial air-conditioning
Production of exhaust systems
Production of sub-assemblies for semi-trailers for the automotive industry
Production of facade tiles
Manufacture of aircraft



PRODUCTION PROGRAM:



MOTORIZED FOLDING MACHINES



MANUAL MACHINES



MOTORIZED SHEARS



HYDRAILIC SHEARS



CUT TO LENGTH



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