

# 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

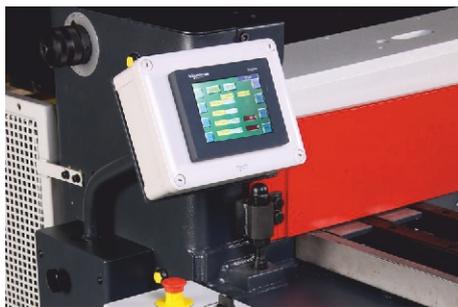
# Back gauge

motorized



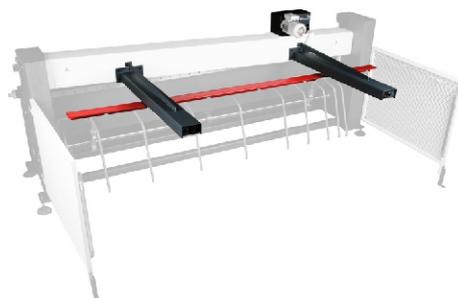
## Motorized back gauge with control system EB

- 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

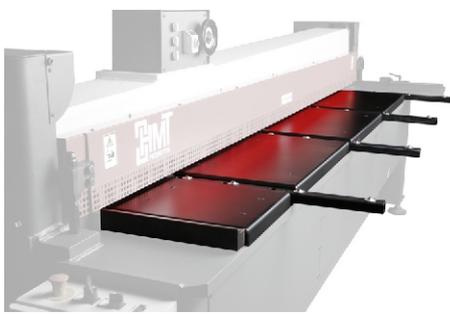
# Front support

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## 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



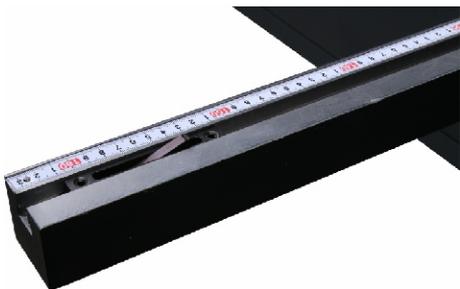
## Full table

- 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

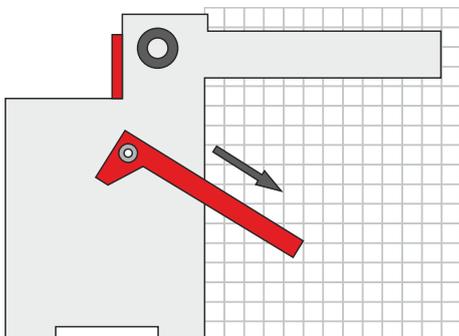
- squaring arm with scale and coating indent
- 400mm arm is standard for MPS, MPSH and TKS
- longer than 400mm as options



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

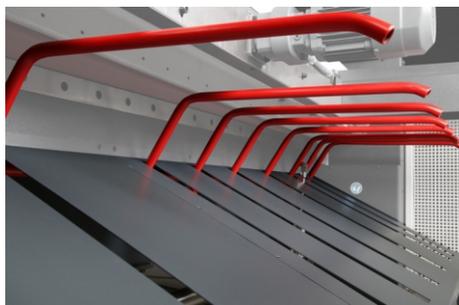
- extension of table is delivered as a console with scale and T-slot for measure cutting material in front of shears

# Removal sheared material



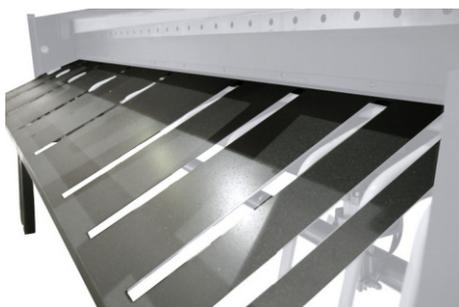
## Removal sheared material behind of shears

- 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



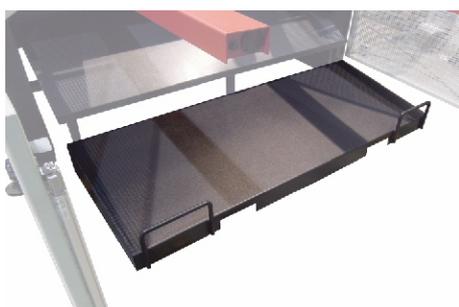
## Sheet catcher with back slip

- 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

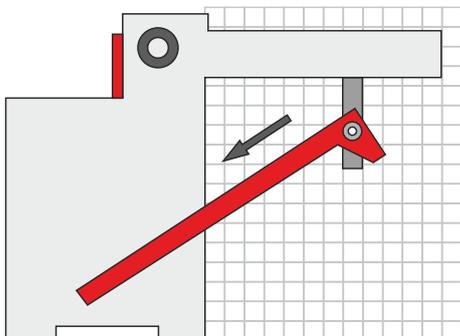


## Pallet for stacking

- 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

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## 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

