



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



H.M. Transtech spol. s.r.o.
Voľgogradská 13/B, 080 01 Prešov, Slovakia
tel.: +421 51 7718 516
e-mail: sales@hmtranstech.com

WWW.HMTRANSTECH.COM

