



## hydraulic guillotine shears

plate shears, scrap shears, cathode shears, bar shears,  
sample scissors and other kind of shears  
special shears designed to your wishes

- **sheet thickness up to approx. 50 mm / or power up to 5000 kN**
- **working lengths up to 1530 mm**
- **tension up to approx. 1600 N/mm<sup>2</sup>**

With these machines we offer you efficient and economical guillotine shears for training, trade and industry, whose advantages lie in their simplicity of design, clarity and ease of maintenance.

The shears are ideal for small cuts in single and series production, whether single or multi-shift operation.



Type Rabba HS 6/1000  
(standard machine)



Type Rabba HS 20/1000  
(special machine)

### cutting technology

All machines work according to the principle of gate-guided upper knife.

Due to the axial force line guidance in the machine frame, even large forces can be absorbed during cutting.

## Series Rabba HS

standard machines  
for industrial production



Type Rabba HS 16/1500  
(special machine)

- hydr. power unit
- cutting angle adjustment
- cutting gap adjustment
- 4-way rotating blades for stainless steel
- various machine table designs
- moving foot switch
- fold-up backgauche, manually adjustable up to 500 mm
- central lubrication system
- cutting area illumination
- ready for operation according to UVV
- including oil-filling

### Options

- motorised backgauche up to 500 mm or longer
- programmable backgauche up to 500 mm or longer
- ball transfer units on the machine table
- various machine table designs, in stainless steel, too
- extended angle stops
- additional support arms
- 2-hand control according to UVV
- light barrier protection according to UVV
- additional factory warranty possible
- all options can be called up individually
- further changes on request, as far as possible

## Series Rabba HSE

standard machines  
for easy use

The two machine types HSE6/1000 and HSE 20/1250 are our cheapest ones, which are offered in the simplest version only.

This means, that we can offer you one machine each in the thin and thick range, limited to the absolutely essential.

The distribution of the HSE series is carried out according to separate rules.

# Series Rabba HSX

## strong special machines for industrial production

These series stand for special constructions in accordance to

- sheet thickness and working length
- cutting speeds
- push down distances and heights
- various machine tables
- curvaty and tension of the cutting material
- geometry of the blades
- diverse saftey controls
- electronical controls
- UVV
- all required documentations



Type Rabba HSX 100/1250  
(special machine)

## These machines easily solve your cutting requirements

We offer the shears in various cutting force graduations as standard or special machines, all suitable for your kind of application.

The machines are particularly suitable for cutting cathod and sample sheets and ingot material.

Materials in steel up to approx. 50 mm thickness and other materials up to approx. 100 mm thickness are possible.

The drive units are flanged or mounted on the side of the machine frame.

At the rear the machines are free for collecting containers or conveyor belts for the cutted material.



rear conveyor belt



Type Rabba HSX 300/600 (special machine) cuts  
sheet steel S 235 to 50 mm thickness

Hydr. guillotine shears Rabba Technical data No. 19 Status 07/2021	HS 6/1000	HS 10/1000	HS 12/1250	HS 12/1500	HS 16/1250	HS 16/1500	HSX 100/1250	HSX 200/1250	HSX 300/1250	HSE 6/1000	HSE 20/1250
Machine type for example											
max. sheet thickness St 37 to 400 N/mm <sup>2</sup>	6	10	12	12	16	16	1000 kN	2000 kN	3000 kN	6	20
max. sheet thickness VA up to 750 N/mm <sup>2</sup>	4	6	8	8	10	10	14	18	23	4	14
max. working length approx. mm	1030	1030	1280	1530	1280	1530	1280	1280	1280	1030	1280
blade length mm	1050	1050	1300	1550	1300	1550	1300	1300	1300	1050	1300
blade cross-section mm	15x50	15x50	25x60	25x60	25x60	25x60	40x100	40x100	40x100	15x50	25x60
pushdowns approx. piece	7	7	7	8	7	8	7	7	7	7	7
Cutting angle adjustable approx. degree	1-3	1-3	1-3	1-3	1-3	1-3	1-3	1-3	1-3	2,5	3
Strokes/min. full length approx. 1/min	14	10	9	8	8	7	5	4	4	14	7
Machine length approx. mm	1550	1550	1950	2200	2100	2350	2900	3100	3100	1400	2100
Machine depth without BG approx. mm	1150	1150	1200	1200	1400	1400	1400	1600	1600	1000	1400
Machine height approx. mm	1600	1600	1800	1800	2000	2000	2200	2300	2300	1600	2000
Machine table height approx. mm	900	900	950	950	950	950	1000	1000	1000	900	950
Adjustment distance approx. mm	500	500	500	500	500	500	500	500	500	500	500
Back gauge											
Tank volume approx. ltr.	100	100	180	180	250	250	500	500	600	60	250
Engine power approx. kW	5,5	11	15	15	22,5	22,5	30	45	54	5,5	30
Network connection V	400	400	400	400	400	400	400	400	400	400	400
Weight approx. kg	1700	1900	3200	3400	4500	5000	6000	7000	9000	1200	5000

Machines with changed performance data on request / technical changes reserved

## Application examples for our hydr. guillotine shears

<b>Metal Workshops</b>	Cutting of individual pieces of different thicknesses for quick needs
<b>Cutting companies</b>	Cutting in pieces / small cutting of long, pre-cut strips
<b>Personal training organisations</b>	Personal training
<b>Welding institutions</b>	Cutting sheets for welding samples Material samples with a small cutting angle
<b>laboratory technology metallurgical industry</b>	Cutting additional materials (for example copper cathod plates, zinc, tin, aluminium, manganese and gold bars or plates)

**German product with best references**

**Find out more · We are here for you**

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