



MOTORIZED AND MANUAL SHEET METAL SHEARS

Sheet metal shears

Motorized and manual shears for the sheet metal sector

MHSU



PDC



PowerShear



PDC-NC

Better sheet metal working – we have dedicated ourselves to enabling highest quality standards and efficient processes in the production of sheet metal products. This brochure can only give you an initial overview of our machines designed for thin and thick sheet metal applications – we are pleased to offer you our advice to selecting a suitable machine for your requirements.

More than 75 years of sheet metal working

Since more than 75 years Hans Schröder Maschinenbau GmbH specialized in the development of modern machine concepts for bending and cutting sheet metal for craftsmen and for industrial production processes. The family owned company founded in 1949 by Hans Schröder unifies traditional and modern approaches in machine building: technical competence and high commitment to innovation, intensive quality- and service orientation, the work for and with the customer as well as a trusting cooperation with suppliers and employees.



HS

Working length ▶	1,000	1,250	1,500	1,600	2,000	2,500	3,000	3,200	4,000
Sheet thickness (400 N/mm ²) ▼	Tafelscheren								
1.00						HS	HS		
1.25					HS				
1.50								MHSU	
2.00	HS					MHSU		MHSU	
2.50			MHSU		MHSU	MHSU			PDC / PDC-NC
3.00					MHSU			PDC / PDC-NC	
3.50						PDC			
4.00		MHSU	MHSU		PDC				
4.50			PDC						
6.00							Power-Shear		Power-Shear

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The motorized shear MHSU

The motorized shear MHSU has been designed for processing sheet metal and plastics. This shear enables clear cuttings for your serial production.



The MSHU with sheet support to the front and the new NC positioning gauge Classic Cut. Working height: 920 mm.

NC positioning gauge Classic Cut with touch control on turnable panel



Standard: MSHU with rear guarding via 3-beam light barrier incl. side protection grid and manual back gauge.

Experience gathered over decades is reflected in the technology and design of the shear, which is capable of cutting almost any metal and non-metal materials. With the aid of new design techniques, we are able to offer a tried and tested product incorporating state-of-the-art technology.

The slideway guided shear MHSU offers you an entry into motorized cutting. This machine is able to cut up to 4 mm thick sheets fast and clearly and is available with a working length up to 3200 mm.

Easy handling

The compact and clearly-arranged machine construction of the MSHU as well as its ergonomic design enable an easy operation without any particular previous knowledge. All controls and displays are arranged for the operator and can be found on the central control panel.

The new positioning gauge Classic Cut with 9-fold program can program gauge lengths up to 750 mm or 1 000 mm. It significantly facilitates handling and precise positioning of the work piece compared to the manual adjustment.



Standard equipment
Manual back gauge 750 mm, adjustable from the front with digital readout
Hold-down device with hard rubber rail to protect polished sheets
Telescopic support table
All-steel blade, double-edged
Adjustable angle gauge left and right with scale
Milled grooves every 10 mm along the table, parallel to the blades
Selector switch for single and continuous stroke
Obligatory CE safety package rear guarding via 3-beam light barrier incl. side protection grid
Foot switch and anchor plates incl. dowels
Working height 920 mm

Special equipment	
Blades	Fine adjustment screws for material with less thickness 0.5 mm (at work length 3200 mm incl.) Blades designed for stainless steel
Others	- Longlife bearing system driving rod with self-aligning roller bearing, connecting rods with needle bearing - LED cutting edge illumination - Pneumatic hold-down device - Stroke counter (with ClassicCut incl.) - Seesaw with plastic rolls (For sheet support version 1 or 2 and sheet support to the rear) - Extended sheet shute to the front - Sliding cart usable for deposition to the front, on 4 steering castors, 2 lockable (for cuttings up to max. 500 mm, up to max. 200 kg) - Sliding cart (without stacking sheet insets), usable only in combination with sheet support for deposition to the front or rear, with 4 steering castors, 2 lockable (for cuttings up to max. 750 mm, up to max. 400 kg) - Set of stacking sheets for sliding cart, maximum stacking height 30 mm - Ergonomic stacking cart frame-guided on steering castors for combi sheet support (version 3) and sheet support to the rear (requirement: seesaw with castors) for stacking to the rear at a height of 675 mm, max. load 400 kg. Stacking height ca. 100 mm, L= 1200/1950/2450 mm - Sheet support options, please see p. 9 under gauges
Services	- Online-Support: advanced machine service (incl. remote maintenance, connection to be provided by customer)
Gauges and tables	see p. 9



Option: Ergonomic stacking cart, frame-guided on steering castors



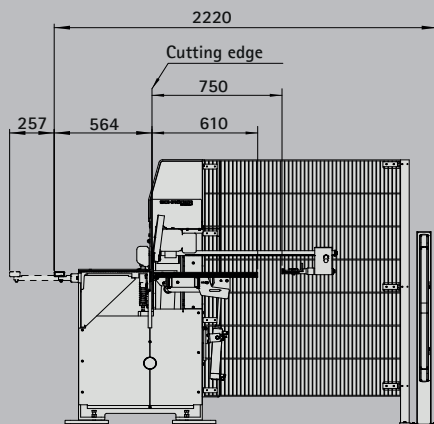
Sliding cart on wheels with 4 steering castors



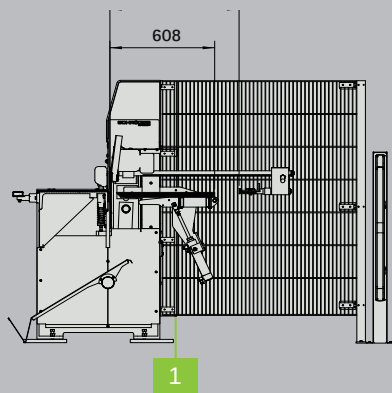
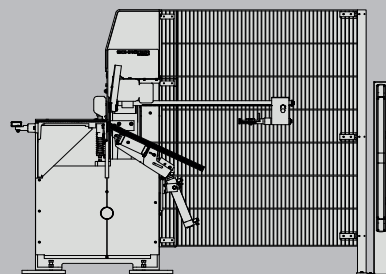
Sliding cart with stacking sheet insets

The right options for each task

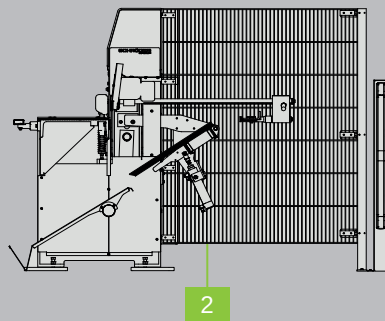
The Schröder-shear is not just a productivity gain with its standard equipment, but its various options increase your efficiency additionally.



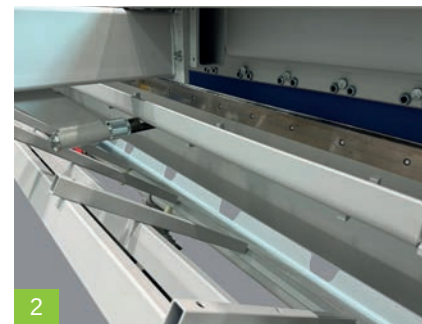
Sheet support to the back



Sheet support to the front

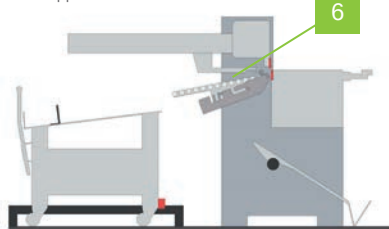


Sheet support to the front in horizontal position (Version 1)



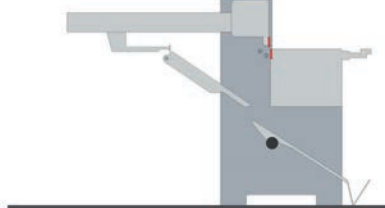
Sheet support to the front in tilted position, pneumatically controlled incl. sheet shute, gauge width 750 mm or 1 000 mm

Sheet support to the back



Unloading to the rear incl. sheet shute to the front (optionally with sliding- or stacking cart)

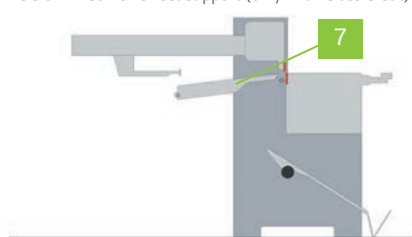
Version 1: Sheet support to the front



Sheet support to the front, pneumatically controlled incl. sheet shute

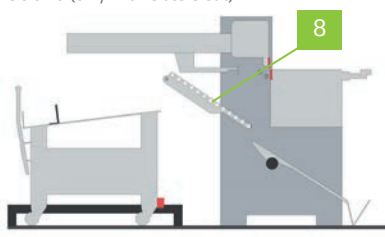
[6] Highlight function:
Adjustable seesaw distance to the lower blade and mechanical freemovement function

Version 2: Combi-Sheet support (only with Classic Cut)



Unloading to the front incl. sheet shute, rear cross cut function and manual sheet removal to the rear

Version 3 (only with Classic Cut)



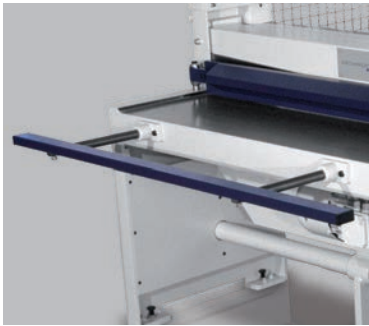
Unloading to the front and the rear incl. sheet shute and seesaw with plastic rolls

[7] Unique rear cross cut function through fold-down seesaw to the rear.

[8] Fold-down seesaw to the front and to the rear

Gauge options and further possibilities

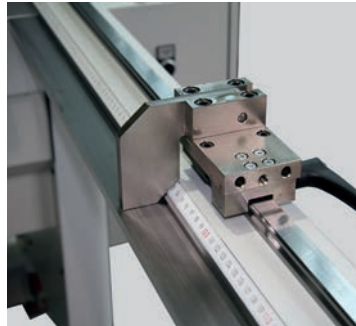
Thanks to the different gauge options multiple sheet formats can be cut by the MHSU which guarantees an optimal processing of your product.



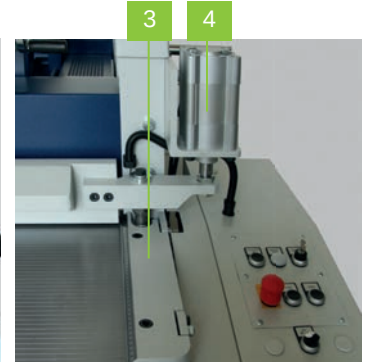
Telescopic support table



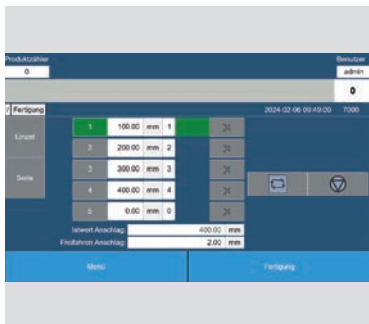
Manual back gauge, adjustable from the front with digital readout



Extended angle gauge (right or left) with scale incl. lateral flip gauge on linear guide



[3] Adjustable angle gauge
[4] Pneumatic hold-down device



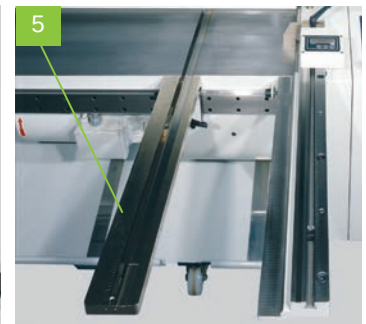
NC positioning gauge Classic Cut with 9-step program



Cutting edge illumination



Optional: Extended angle gauge (right or left) with electronic length measurement system incl. lateral flip gauge on linear guide



[5] Movable support arms with T-slots on linear guide

High rigidity already in its basic configuration

The motorized shear MHSU is based on a torsion-free rigid welded construction and a powerful dynamic low-noise geared motor. The high static and dynamic rigidity are guaranteed thanks to sturdy key components such as cutting bar, sheet support table, lateral frames and main drive units.

The generously designed flat cutting beam guides dispose of robust and wear-resistant special sliding covers. This maintenance free sliding cover ensures optimum guidance and dampening characteristics.

Efficient sheet support

The sheet support holds the sheet upwards and leads the sheet in horizontal position to the gauge. After a successful cut the sheet will be deposited to the back or to the front. In its standard version, the sheet holding device contains an integrated sheet shute at the front. This can optionally be replaced with a sliding cart, which can be extended to a sliding cart using stacking sheets.

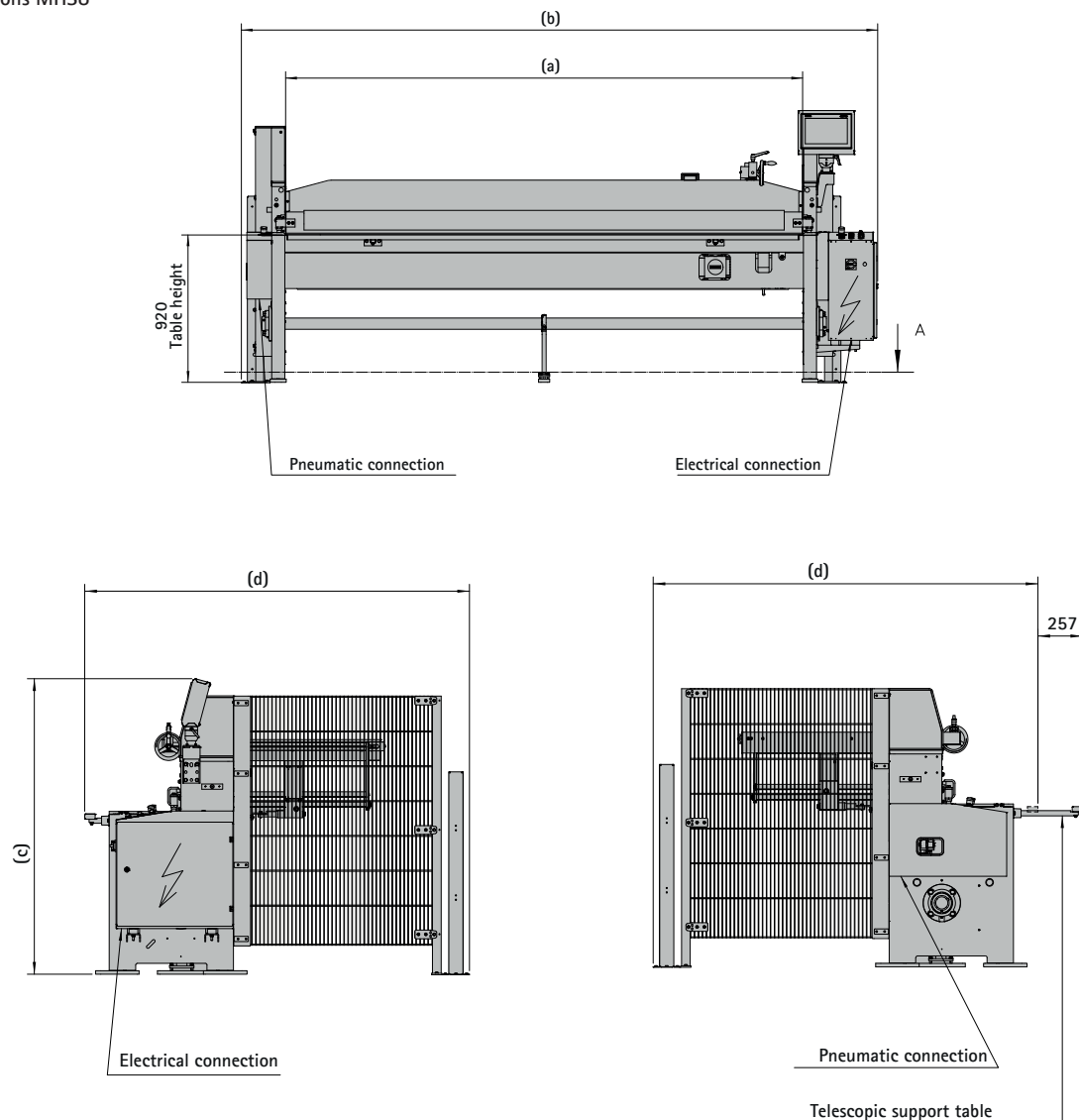
Exact positioning

For our shears we are offering an adjustable angle gauge for you. Thus we grant an exactly right-angled positioning of the sheet. On request this angle gauge can be exchanged quickly. As an extra feature the extended angle gauge is also available with a flip gauge and / or an electronic length measurement system.

Technical data

MHSU	1 250	1 500	2 000	2 500	3 200
Working length	1,280 mm	1,530 mm	2,030 mm	2,530 mm	3,230 mm
Sheet thickness (400 N/mm ²)	4,0 mm	2.5/4.0 mm	2.5/3.0 mm	2.0/2.5 mm	1.5/2.0 mm
Cutting angle	2.8°	2.7°	2.0°	1.7°	1.3°
Number of strokes (pro min.)	34				
Drive power	4.0 kW	3.0/4.0 kW	3.0/4.0 kW	3.0/4.0 kW	3.0/4.0 kW
Outer dimensions					
(a)	1,280 mm	1,530 mm	2,120 mm	2,620 mm	3,320 mm
(b)	2,025 mm	2,275 mm	2,275 mm	3,275 mm	3 975 mm
Total height back gauge, manual (c)	1,600 mm				
Total height back gauge, motorized (c)	1,700 mm				
Total depth back gauge, 750 mm (d)	2,220 mm				
Total depth back gauge, 1 000 mm (d)	2,720 mm				

Dimensions MHSU



All dimensions in mm

Gauges and table variants

MHSU	Special equipment		
Gauges	Manual back gauge 1,000 mm, adjustable from the front, with digital readout		
	NC positioning gauge ClassicCut with touch control on turnable panel 750 mm or 1,000 mm		
	Sheet support to the rear, pneumatically controlled, material to the back:		
	- Unloading to the rear - Sheet support distance to the lower blade optionally adjustable, "quick adjustment" between 10 - 40 - 70 mm - Mechanical „swing-away function" (distance between stop angle and lowered seesaw) - Adjustable swing angle (from 25° to 10°) - incl. sheet shute to the front (without cart)		
	Seesaw with plastic rolls for sheet support to the rear		
	Version 1	Version 2	Version 3
Tables	Sheet support pneumatically controlled, material to the front incl. sheet shute	Combi-sheet support (only in combination with ClassicCut) Pneumatically controlled sheet support with following functions: - Unloading to the front incl. sheet shute - Rear cross cut function incl. safety package	Combi-sheet support (only in combin. with ClassicCut) Pneumatically controlled sheet support with following functions: - Unloading to the front incl. sheet shute - Unloading to the rear incl. stacking function - Seesaw with plastic rolls
	Sheet support to the front, with gauge extension up to 1,000 mm		
	2 sheet support arms with T-slot incl. scale (standard teleskop table is dropped) - 1,000 mm - 1,500 mm - 2,000 mm incl. foot rest		
	Extended angle gauge (right or left) with scale - 1,000 mm - 1,500 mm - 2,000 mm incl. foot rest		
	Extended angle gauge (right or left) with scale incl. lateral flip gauge on linear guide - 1,000 mm - 1,500 mm - 2,000 mm incl. foot rest		
	Extended angle gauge (right or left) with electronic length measurement system, fine adjustment and lateral flip gauge on linear guide - 1,000 mm - 1,500 mm - 2,000 mm incl. foot rest		
	Adjustable angle gauge with scale division 0 - 180°		
	T-slot in table 400 mm / each (specify position)		
	Tipping gauge for insertion in T-slot		
	Linear guide at the front for movable table support arms (without support arms)		
	Moveable support arm for linear guide, at the front, incl. T-slot and scale - 1,000 mm - 1,500 mm - 2,000 mm incl. movable foot rest		

PDC / PDC-NC

Options for every cutting task

The power-operated shear PDC is a stronger version of the MHSU line and offers a higher performance thanks to its robust design and its belateral „DUO-CUT“-drive.



Motorized shear PDC



Motorized shear PDC-NC with Classic Cut NC positioning control

Standard – Type PDC

The power-operated shear PDC has been designed for processing sheet metal and plastics.

It is a stronger version of the MHSU line. The sturdier and stiffened table and frame design as well as the „Duo-Cut“ drive with two motors make for a considerably improved cutting capacity while retaining the many functional merits of the MHSU.

With the aid of new design techniques, we are able to offer a tried and tested product incorporating state-of-the-art technology.

Type PDC-NC with positioning control

The motorized guillotine type PDC-NC is technically based on the PDC. With an integrated NC positioning gauge and a pneumatically controlled sheet support the PDC-NC offers an extensive standard equipment and an attractive design that all together lead to a significant upgrade compared to the PDC.

New features of the PDC-NC

- NC-positioning control Classic Cut on turnable panel: entry via touch display
- Chain dimension function for serial cutting
- Motorized blade gap adjustment (optional)
- Servo motors for precise positioning of the gauge



Standard equipment

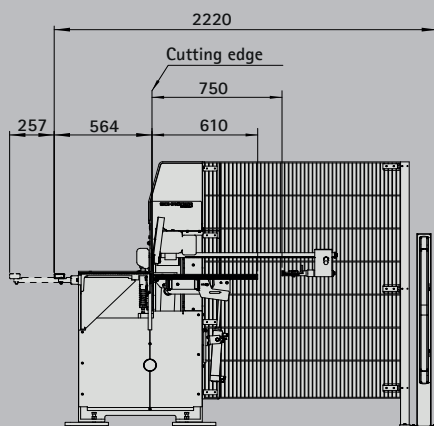
PDC	PDC-NC
Manual back gauge 750 mm, adjustable from the front, with digital readout	NC positioning gauge Classic Cut on turnable panel, entry via touch display, motorized back gauge 6 - 750 mm with servo drive
-	Cut counter
Hold-down device with hard rubber rail to protect polished sheets	
Manual blade gap adjustment, two-sided	
Extended angle gauge, right, with T-slot and scale 1,000 mm	
2 sheet support arms with T-slot and scale 1,000 mm (3 support arms with a working length of 4,000 mm)	
Table with exchangeable stainless steel plates with recessed grips	
All-steel blade, double-edged	
Function: single and continuous stroke	
From 2,000 mm bilateral drive	Bilateral drive
-	Pneumatically controlled sheet support - material to the front version 1 incl. sheet shute, max. 750 mm, or optionally - material to the back incl. sheet shute to the front
Obligatory CE safety package for standard machines rear guarding via 3-beam light barrier incl. side protection grid	
Foot switch and anchor plates incl. dowels	
Working height 920 mm	

Special equipment

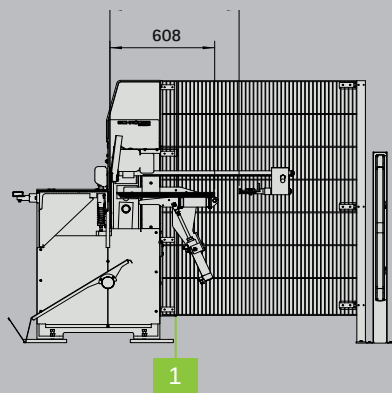
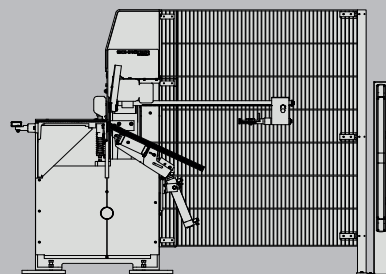
	PDC	PDC-NC
Blades	Blades designed for stainless steel	
Others	- Motorized blade gap adjustment (only in combination with software Classic Cut) - Cutting edge illumination LED - Pneumatic hold-down device - Stroke counter (with Classic Cut incl.) - Extended sheet shute to the front - Sliding cart usable for deposition to the front, on 4 steering castors, 2 lockable (for cuttings up to max. 500 mm up to max. 200 kg) - Sliding cart (without stacking sheet insets), usable only in combination with sheet support for deposition to the front or rear, with 4 steering castors, 2 lockable (for cuttings up to max. 750 mm, up to max. 400 kg) - Set of stacking sheets for sliding cart maximum stacking height 30 mm - Ergonomic stacking cart frame-guided on steering castors for combi sheet support version 3 and sheet support to the rear (requirement: seesaw with castors) for stacking to the rear at a height of 675 mm, max. load 400 kg, stacking height ca. 100 mm L= 1200/1950/2450/3900 mm - Seesaw with plastic rolls (For sheet support version 1 or 2 & sheet support to the rear) - Longlife bearing system	
Services	- Online-Support: advanced machine service (incl. remote maintenance, connection to be provided by customer)	
Gauges, tables and sheet support system, see p. 15		

The right accessories for all tasks

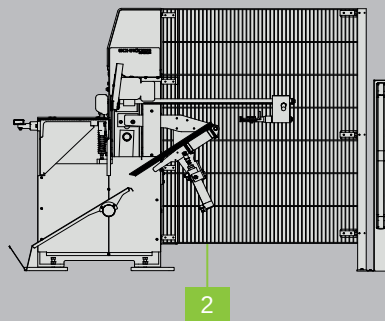
The Schröder shear is already a productivity gain in its standard equipment. Thanks to its numerous options this machine can be used for many businesses.



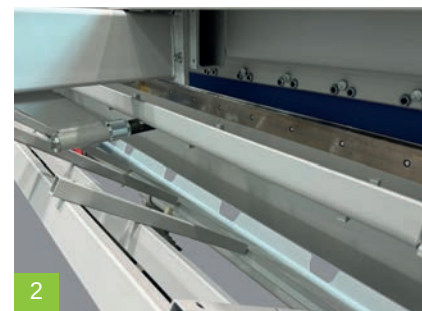
Sheet support to the back



Sheet support to the front

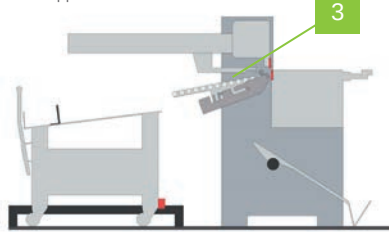


Sheet support to the front in horizontal position (Version 1)



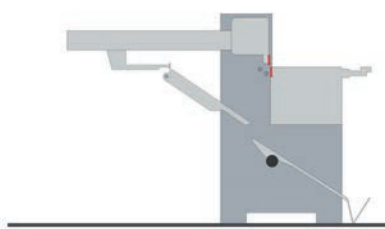
Sheet support to the front in tilted position, pneumatically controlled incl. sheet shute, gauge width 750 mm or 1 000 mm

Sheet support to the back



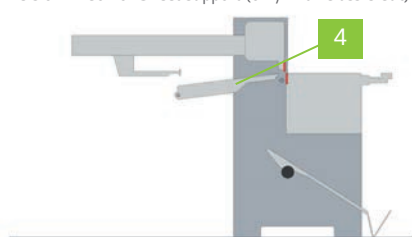
Unloading to the rear incl. sheet shute to the front (optionally with sliding- or stacking cart)

Version 1: Sheet support to the front



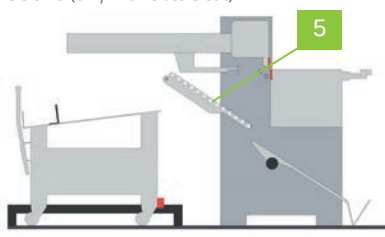
Sheet support to the front, pneumatically controlled incl. sheet shute

Version 2: Combi-Sheet support (only with Classic Cut)



Unloading to the front incl. sheet shute, rear cross cut function and manual sheet removal to the rear

Version 3 (only with Classic Cut)



Unloading to the front and the rear incl. sheet shute and seesaw with plastic rolls

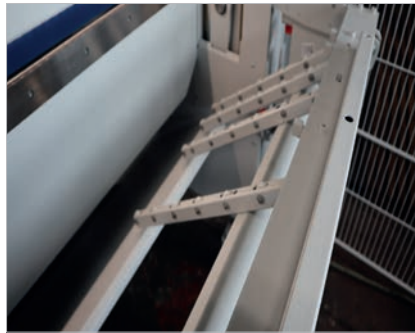
[3] Highlight function:
Adjustable seesaw distance to the lower blade and
mechanical freemovement function

[4] Unique rear cross cut function
through fold-down seesaw to the rear.

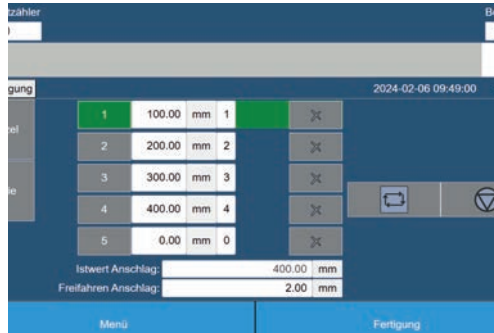
[5] Fold-down seesaw to the front and to
the rear

Gauge options for better handling

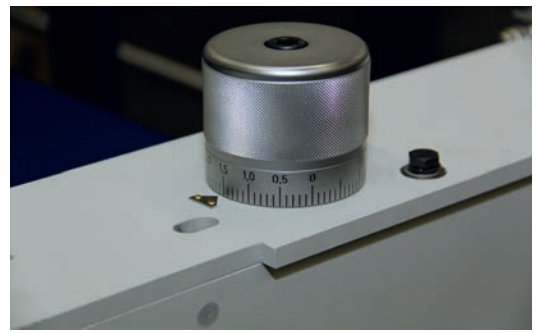
Both the PDC and the PDC-NC are able to process various types of sheets. We supply you with gauge options that are suited to your individual requirements.



Seesaw with plastic rolls



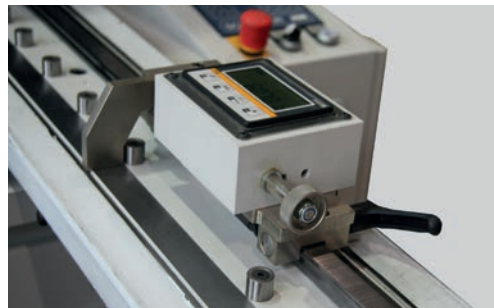
NC positioning gauge Classic Cut with 9-step program
Gauge dimension 750 mm or optionally 1,000 mm



Manual blade gap adjustment two-sided, optionally motorized



Table with exchangeable stainless steel plates with recessed grips and extended angle gauge on the right with scale incl. lateral flip gauge on linear guide.



Optional for PDC and PDC-NC: Extended angle gauge (right or left) with electronic length measurement system incl. lateral flip gauge on linear guide



Manual back gauge, adjustable from the front, with digital readout (standard equipment)

High rigidity from the ground up

The PDC motorized guillotine shear features a torsion-resistant welded construction and the powerful "Duo-Cut" drive with two dynamic, low-noise geared motors. Generously dimensioned main assemblies ensure high static and dynamic rigidity.

The robust blade beam guides are equipped with a wear-resistant, maintenance-free special sliding coating, ensuring excellent guiding and damping characteristics.

Efficient sheet support system

The sheet support system keeps the sheet securely in a horizontal position and guides it precisely to the back gauge. After cutting, the sheet can be discharged either to the front or rear.

Classic Cut control

The standard manually adjustable back gauge can be positioned precisely using a smooth-running, virtually wear-free hand crank drive.

Optionally, the Classic Cut control enables motorized adjustment of the back gauge. Up to nine programs and back gauge lengths of 750 or 1,000 mm simplify operation and ensure precise positioning. Motorized blade gap adjustment is also available as an option.

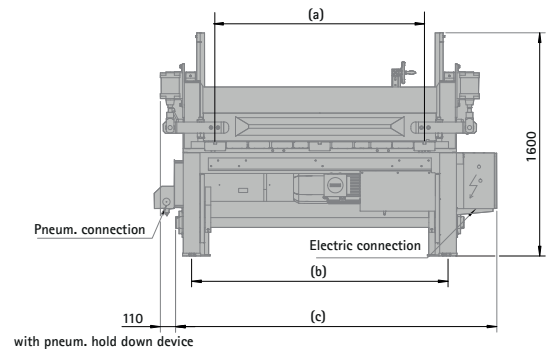
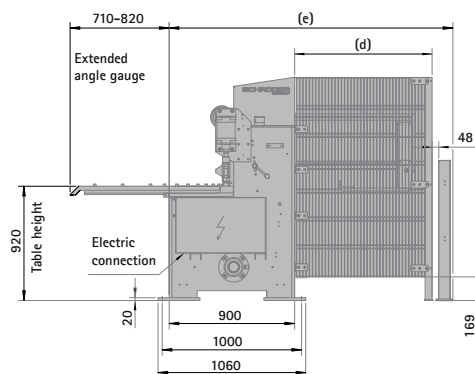
Precise positioning

An extended squaring arm facilitates precise right-angle positioning, particularly for large sheets. It is also optionally available with an electronic length measuring system.

Dimensions and technical data PDC / PDC-NC

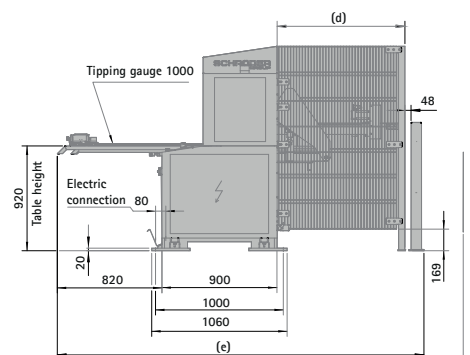
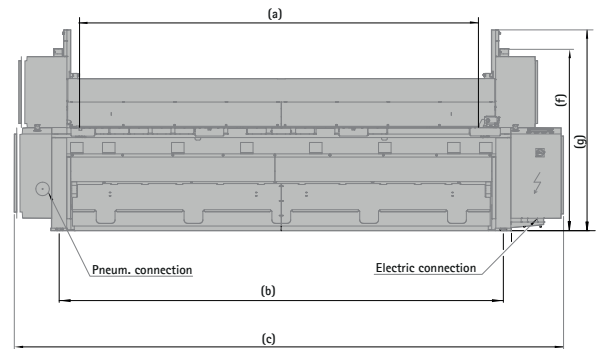
PDC	1,500 x 4.5	2,000 x 4.0	2,500 x 3.5	3,200 x 3.0	4,000 x 2.5
Working length (a)	1,530 mm	2,030 mm	2,530 mm	3,230 mm	4,080 mm
Sheet thickness (400 N/mm ²)	4.5 mm	4.0 mm	3.5 mm	3.0 mm	2.5 mm
Cutting angle	2.86°	2.5°	2.0°	1.6°	1.3°
Number of strokes (per min.)	34				
Drive power	1 x 7.5 kW	2 x 4.0 kW			
Weight (ca.)	2,450 kg	2,860 kg	3,110 kg	3,560 kg	4,160 kg
Outer dimensions					
Machine height	1,600 mm				
Hole space of machine fixings (b)	1,840 mm	2,340 mm	2,840 mm	3,540 mm	4,390 mm
Machine length (c)	2,370 mm	2,870 mm	3,370 mm	4,070 mm	4,920 mm
Back gauge, man./mot. 750 mm (d)	1,200 mm				
Back gauge, man./mot. 750 mm (e)	2,260 mm				
Back gauge, man./mot. 1000 mm (d)	1,700 mm				
Back gauge, man./mot. 1000 mm (e)	2,765 mm				

Dimension: PDC



PDC-NC	3,200 x 3.0	4,000 x 2.5
Working length (a)	3,230 mm	4,080 mm
Sheet thickness 400 N/mm ²	3.0 mm	2.5 mm
Cutting angle (°)	1.6	1.3
Stroke (per min.)	34	
Drive power (kW)	2 x 4.0 kW	
Weight, ca.	3,500 kg	3,800 kg
Outer dimensions		
Hole space of machine fixing (b)	3,540 mm	4,390 mm
Machine length (c)	4,329 mm	5,179 mm
Back gauge, motorized 750 mm (d)	1,200 mm	
Back gauge, motorized 750 mm (e)	2,970 mm	
Back gauge, motorized 1000 mm (d)	1,700 mm	
Back gauge, motorized 1000 mm (e)	3,475 mm	
Blade gap adjustment, manual (f)	1,552 mm	
Blade gap adjustment, manual (g)	1,600 mm	
Blade gap adjustment, motorized (f)	1,647 mm	
Blade gap adjustment, motorized (g)	1,600 mm	

Dimension: PDC-NC



Gauges and table options

Special equipment

	PDC	PDC-NC
Gauges	Manual back gauge 1,000 mm, adjustable from the front, with digital readout	-
	NC positioning gauge Classic Cut on turnable panel with 9-step program 750 mm or rather 1,000 mm	
	Back gauge with ball screw spindles 750 mm or 1,000 mm	
Sheet support	Sheet support, pneumatically controlled material to the back: - Unloading to the rear - Sheet support distance to the lower blade optionally adjustable „quick adjustment“ between 10 - 40 - 70 mm - Mechanical „swing-away function“ (Distance between stop angle and lowered seesaw) - Adjustable swing angle (from 25° up to 10°) - incl. sheet shute to the front (without cart)	
	Version 1	Version 2
	Sheet support, pneumatically controlled, material to the front, incl. sheet shute	Combi-Sheet support (only in combination with ClassicCut) Pneumatically controlled sheet support with the following functions: - Unloading to the front incl. sheet shute - Rear cross cut function incl. safety package
		Combi-Sheet support (only in combination with ClassicCut) Pneumatically controlled sheet support with the following functions: - Unloading to the front incl. sheet shute - Unloading to the rear with stacking function - Seesaw with plastic rolls (without stacking cart)
	Sheet support to the front, with gauge extension up to 1000 mm	
Tables	Closed table, support plate and support arms with ball rollers	
	Additional sheet support arm for closed table with ball rollers, T-slot and scale 1,000 mm	
	Additional sheet support arm with T-slot and scale 1,000 mm	
	2 sheet support arms with T-slot and scale (3 support arms with a working length of 4,000 mm)	
	- 1,500 mm or 2,000 mm incl. foot rest	
	Additional extended angle gauge left side with T-slot and scale 1,000 mm	
	Extended angle gauge (right or left) wit T-slot and scale	
	- 1,500 mm or 2,000 mm incl. foot rest	
	Extended angle gauge (right or left) with scale incl. lateral flip gauge on linear guide	
	- 1,000 mm, 1,500 mm or 2,000 mm incl. foot rest	
	Extended angle gauge, right or left, with electronic length measurement system, fine adjustment and lateral flip gauge on linear guide	
	- 1,000 mm, 1,500 mm or 2,000 mm incl. foot rest	
	Adjustable angle gauge with scale division 0 - 180°	
	Tipping gauge for insertion in T-slot	
	Linear guide at the front for movable table support arms (without support arms)	
	Moveable support arm 1500 mm for linear guide, at the front incl. T-slot and scale 1,000 mm, 1,500 mm or 2,000 mm incl. movable foot rest	

Hydraulic shear PowerShear

The hydraulic shear PowerShear is the industrial solution in order to cut loads of big sheets at high speed. The robust and yet precise machine is ideal for continuous operation in workshops, mid-sized companies and the industry.



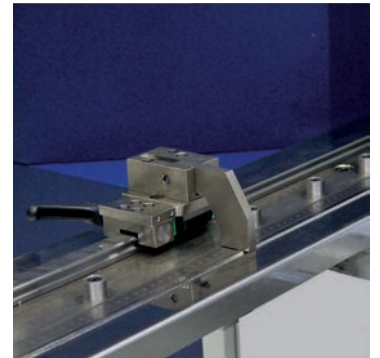
The PowerShear Professional with energy-efficient drive ensures precise, burr-free and torsion-free cuttings..
The picture above shows the machine with the optional Professional-Package.

The design of the extreme rigid machine body of the new PowerShear is based on decades of experience in industrial cutting. It was engineered with state of the art tools, using the finite elements method and computer simulations.

Thanks to an energy-efficient drive with a converter-controlled motor and a hydraulic pump, the machine is able to handle the most difficult cutting operations and materials. Besides single-cut operations also serial production is possible by using a converter-controlled motorized back gauge.

The advanced electronic control for programming cutting steps is operated via a touch display.

Lateral angle gauge 1000 mm with scale
incl. flipping gauge on linear guide.



Sheet support, pneumatically controlled

Rear view: Motorized back gauge and shear support
as well as rear light barrier.





Moveable table extension
on linear guide



Sheet shut to the front



Standard equipment PowerShear

12" Touchscreen control PSC 150 on swivelling arm (possibility of saving on CF-card or USB flash drive)
Blades made for steel up to ca. 700 N/mm ²
Energy-efficient drive with frequency-controlled drive and hydraulic pump
Automatic calculation of motorized blade gap adjustment
Automatic calculation of shear angle adjustment
Frequency controlled motorized back gauge 10 - 1000 mm
Pneumatic sheet support
LED-cutting edge illumination
Programmable start and end position of upper blade
1 x lateral angle gauge 1000 mm standard with scale, mounted on left side
2 x table extensions with T-Slot, 1000 mm with scale (3 x table extensions from working length 4040 mm)
Closed sheet support table with exchangeable stainless steel plates incl. ball rollers
Programming of cutting cycles
Protection of rear side by safety light barrier

Special equipment PowerShear

Professional-Package:
Scrap and part separator to the front for strips up to max. 200 mm incl. „Return to Sender“
Free passage of material (swing away back gauge rail)
Back gauge with linear guide and recirculated ball screws
Spare blades for steel up to 700 N/mm ²
Extended angle gauge with scale 1500 mm
Lateral angle gauge mounted on left side incl. mechanical tipping gauge on linear guide 1000 mm or 1500 mm
Angle gauge mounted on the left side incl. length measurement system and fine adjustment on linear guide 1000 mm or 1500 mm
Sheet support arm with T-slot and scale incl. ball rollers 1500 mm
Table extensions 1000 mm incl. ball rollers, movable on guide rail (Working length 3040: 2x 1000 mm, working length 4040: 3x 1000 mm)
3x 1000 mm table extensions 1000 mm incl. ball rollers, movable on guide rail
Sheet support arm with T-slot and scale incl. ball rollers 1500 mm movable on guide rail
Tipping gauge for insertion in T-slot
Plastic shoes for hold-down device
Programmable holding-down pressure
Moveable finger grid protection 1500 mm long with electrical safety switch
Scrap container front side 1000 mm width movable, 2 fixed and 2 steering castors (Only in combination with Professional-Package)

Technical data	3,000 x 6.0	4,000 x 6.0
Working length [mm]	3,040	4,040
Sheet thickness 400 N/mm ² (700 N/mm ²)	6.0 (4.0)	6.0 (4.0)
Shear angle adjustment [°]	0.5 - 1.8	0.5 - 1.8
Machine depth [mm]	3,090	3,090
Machine length [mm]	4,000	5,000
Machine height [mm]	1,969	1,969
Weight, ca. [kg]	6,500	8,400
Stoke [per min.]	24-61	20-56
Drive power [kW]	12.0	12.0

HS – the effort-saving manual shear

The exccentric shear HS will be used for nearly all cutting requirements. Ridge-free, distortion-free and nearly burr-free cuttings are the typical characteristics of this shear.



Manual back gauge with scale and handwheel adjustment [6] on the angle guides [5] for parallel and conical cuts.

Standard – Modell HS

Experience gathered over decades is reflected in the technology and design of this shear, which is capable of cutting almost any metal and non-metal materials. With the aid of new design techniques, we are able to offer a tried and tested product incorporating state-of-the-art technology.



Sliding cart on wheels with 4 steering castors, 2 lockable.

Basic design

- Torsion-free rigid welded construction. Compact and well laid-out machine construction.
- Standard double-edged upper and lower blades of quality steel guarantee clean cuts without burrs for years to come.
- The low-friction overhead drive running in roller bearings ensures advantageous application of the levers.
- Flat cutting bar guides with robust and wear-resistant special sliding cover.





6



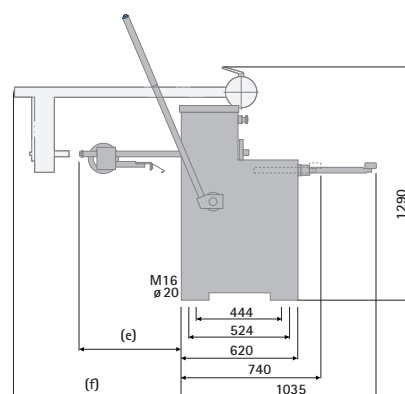
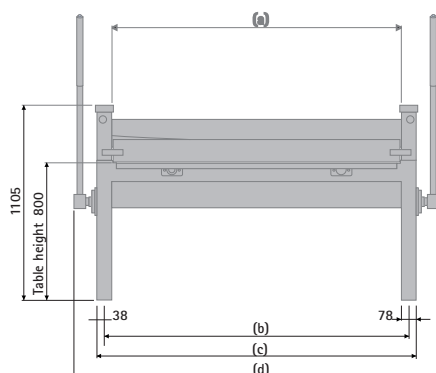
Standard equipment HS

Telescopic support table [1]
Angle gauge, left and right with inlaid scale [2]
Milled grooves every 10 mm along the table, parallel to the blades [3]
Hold-down device with hard rubber rail to protect polished sheets [4]
Manual back gauge 500 mm [6]
All-steel blade, double-edged

Special equipment

Back gauge	- Manual back gauge 750 mm - Manual back gauge 750 mm adjustable from the front with digital readout - Mechanical sheet support for manual back gauge 750 mm without sheet shute
Blades & Others	- Blades designed for stainless steel, instead of standard blades - Sheet shute to the front - Sheet shute on wheels, 4 steering castors, 2 lockable (for cuttings up to max. 500 mm, up to max. 200 kg)

Dimensions: HS



Optional: Mechanical sheet support
incl. manual back gauge 750 mm
without sheet shute.



Optional: Manual back gauge
750 mm adjustable from the front
with digital readout

Technical data	1,000 x 2.0	2,000 x 1.25	2,500 x 1.0	3,000 x 1.0
Work. length/Cutting length (a)	1,030 mm	2,030 mm	2,530 mm	3,030 mm
Sheet thickness 400 N/mm ²	2.0 mm	1.25 mm	1.0 mm	1.0 mm
Cutting angle	4.0°	2.2°	1.8°	1.5°
Weight	485 kg	660 kg	775 kg	920 kg
Outer dimensions				
(b)	1,120 mm	2,120 mm	2,620 mm	3,120 mm
(c)	1,196 mm	2,196 mm	2,696 mm	3,196 mm
(d)	1,440 mm	2,440 mm	2,940 mm	3,440 mm
Machine width				
Back gauge, manual 500 mm (e)	540 mm			
Back gauge, manual 750 mm (e)	790 mm			
Back gauge, manual, adjustable from the front 750 mm (f)	860 mm			



Schröder Group

The Schröder Group consists of Hans Schröder Maschinenbau GmbH, which is located in Wessobrunn, Germany, SCHRÖDER-FASTI Technologie GmbH, located in Wermelskirchen, Germany and the SMU GmbH, located in Leinburg-Weißenbrunn.

Founded in 1949, Hans Schröder Maschinenbau GmbH unifies traditional and modern approaches in machine building: Successfully managed as a quality and customer-oriented, family-owned company, Hans Schröder Maschinenbau is specialized in the development of modern machine concepts for bending and cutting sheet metal.

The successful integration of the Fasti Company in 2006 and its worldwide presence make the Schröder Group one of today's leading providers of machines for bending, cutting, beading, flanging, and circular bending all types of sheet metal. The company's precision machines range from proven solutions for craftsmen to innovative, high-performance machines for automatic industrial production processes. 2021 the Schröder Group was expanded by the tool manufacturer SMU GmbH. Overall, the Schröder Group currently employs more than 300 people at various locations at home and abroad.

All information provided as a guide only
and subject to change at all times.
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