MANUAL BENDING

MACHINES FOR UNIVERSAL SHEET METAL PROCESSING AT JOB SITES OR ON THE SHOP FLOOR





WE TRULY GO THE DISTANCE **TO HELP YOU GET AHEAD**

PIONEERING SPIRIT AND INNOVATION. BORN OF PASSION FOR THE SHEET METAL TRADE.

PRODUCT FINDER

THE RIGHT COMBINATION OF WORKING LENGTH, BENDING CAPACITY AND DEGREE OF MOBILITY WILL HELP YOU FIND THE MANUAL BENDING MACHINE TO SUIT YOUR NEEDS.

WE PLACE A HIGH PRIORITY ON THE SUCCESS OF OUR CUSTOMERS.

At Schechtl, we aim to find ideas and solutions that make life easier for those who work in the sheet metal trade.

And it's been this way since the very beginning. Since then, this aspiration has given rise to numerous innovations: from the invention of swivel bending technology to mobile data transfer for finished edge profiles.

Founded in 1910 as a simple smithing outfit and guided by loads of pioneering spirit, Schechtl now ranks among the world's leading manufacturers of swivel bending machines and squaring shears for the processing of thin metal sheets.

THANK YOU FOR YOUR CONFIDENCE

Very high quality, incredible durability, and outstanding reliability – that's what generations of clients in Germany and abroad have said about our products. While we're extremely honored by these words, they also motivate us to keep our standard of quality at a high level.

That's why we not only invest in technology, but also in creating an atmosphere of positivity and trust as well as in the knowledge of our employees. Because ultimately, the thing that truly helps a business get ahead is the commitment and competence of the people who determine its path. Satisfied employees are more committed, a fact that our customers can observe daily.

LOYALTY COUNTS

We take our seal of quality ("Made in Germany") very seriously. We produce and assemble all of our machine parts exclusively in Germany. Our commitment to our location is also particularly evident in our close, longstanding ties to partners and suppliers in the region.

Schechtl is a family business, owner-operated for over 100 years and now in its fourth generation.

A combination of healthy growth and strong economic stability means that our corporate development strategy is geared towards the long haul.

Maria Schecht

Maria Schechtl Managing Director

- 1. HOW OFTEN DO YOU PRODUCE CLOSED FORMS, **BOXES, CASSETTES AND THE LIKE?**
- 2. WHICH MAIN TYPES OF WORK DO YOU MAINLY **DO AT JOB SITES?**
- 3. WHICH TYPES OF BENDING ARE REQUIRED ON THE SHOP FLOOR?
- 4. WHAT MATERIAL TYPES AND THICKNESSES DO **YOU MOSTLY PROCESS?**

Areas of application		Job	site		Segment	bending		Shop	floor			
	T	\mathbf{X}	T	$\overline{\mathbf{x}}$						-		
Machine type	LBX	ТВХ	LBT	TBS	UK	UKV	UKF	SB	KS	KSV	HBM	HA
Working length												
2x550								1.00				
1040		0.80		0.63	1.50	2.00	1.50		2.00			3.00
1250				0.63	1.25	1.75	1.50					
1290			1.00									
1540						1.50	1.50		1.50			2.50
2040	0.63					1.00	1.00		1.00	1.50		2.00
2540	0.63									1.00	1.00	1.50
3100	0.63										1.00	1.50
4040												0.80







Sturdy packages, mobile and versatile. For universal use at the job site.

Complex forms, lighter than ever before. Intelligent segment bending. Easy and saves time.

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• Specialist for manual segment bending:

• When mobile bending is required:

• Multi-talented models for single-piece construction and small series: ••• UK, UKV, UKF, SB, KS, KSV, HBM and HA (pages 16 – 23)

• Compare with the product finder, the range of accessories and the technical specification (pages 24 – 29)

Bending capacity for steel 400 N/mm²

SEGMENT BENDING



SHOP FLOOR

Extraordinary bending performance without electrical current. Huge amount of free space for daily requirements on the shop floor.

Taken care of it on the spot: better to be repaired while on building site than long trips back and forth

> Brilliant linings that you'll want to show off - attractive and nobel eye-catchers

ANDERADADAD

The small device can be taken along anywhere: bend sheets directly on the construction vehicle fits always and everywhere

> No sheet at the job site remains unprocessed – excellent work starting with the foundation

MASTERFUL MOBILE AT THE JOB SITE

THE MOBILE DEVICES FOR YOUR JOB SITE MANAGE THE TRICKIEST BENDS AND SAVE YOU EXPENSIVE TRIPS TO THE SHOP FLOOR.



PASSION AND DEDICATION FOR YOUR SUCCESS **TECHNOLOGY WITHOUT FRILLS**

THIN SHEET METALWORK PROFESSIONALS IN INDUSTRY AND TRADE WILL FEEL AT HOME WITH THESE MANUAL DEVICES.

"MADE IN GERMANY" QUALITY -ONLY THE BEST FOR YOU

From "manual" to "motorized", sheet metal workers appreciate our consistent orientation to their requirements.

A source of great pride for us: established sheet metal workers and founders of companies go to us to find the most extensive and consistent range of bending machines on the market. Take advantage of our dedication at your job site or on your shop floor.



YOU CAN USE OUR MACHINES FOR THIS AND SO MUCH MORE:

- roofs and exteriors
- wall paneling
- doors, window frames and window sills
- roof gutters and discharge pipes
- machine housing and components
- furniture and shelves
- advertisement boards and light heads
- ovens, air conditioners and boiler coverings

WE HAVE ALWAYS FIRST ASKED **OUR CUSTOMERS WHAT THEY** NEED

And this is what has come of it:

- one-man operation on every machine it saves you from expending too much energy and protects your health at the same time
- sturdy steel construction guarantees an extra long machine life
- quick and lively technology will save you time, making you more economical in the long-term

restaurant and kitchen devices

• installations for special vehicles

• elevators and staircase paneling

• vending machines

• and much more...

transport and technical equipment

- maintenance-free bearings ensure that everything runs smoothly
- stability down to the last detail you can rely on it
- high-quality accessories make work much safer and more comfortable
- and much more...

The list of our passions is in every Schechtl machine. It has only one goal: Your long-term success.







PROFILE RAILS FOR MANUAL BENDING MACHINES

THE RIGHT RAIL FOR ANY CHALLENGE.







SHARP RAIL 20° R = 1 / R = 2 (LBX)







THREE STRONG MODELS FOR YOUR JOB SITE

LONG. LIGHT. HIGH-PERFORMANCE.

TOP VALUES FOR CEILINGS AND EXTERIORS

The three **LBX models** are perfectly suited for 90% of all manual bending work on ceilings and exteriors. All three machines achieve identical, optimal bending values for every type of material. All you need to do is to decide which working length is ideal for your requirements.

> covers 90% of all manual bending work

LBX 310

BENEFITS

THE PRINCIPLE OF STURDY LIGHTNESS

Technology you can count on:

Technology from Schechtl is always economical, durable and convenient.

- user-friendly: 1 worker is enough to execute all bending work in an ergonomically safe manner and with professional precision with the LBX models.
- easy to carry: 2 workers are enough to move the LBX 200/250 to a new location at a job site – no crane needed.

TECHNICAL FEATURES OF THE LBX 310

HERE YOU CAN SCORE POINTS WITH LENGTH

If you want to process thin sheets with 3 meters of working length, use the LBX 310. This model is optimally equipped as a central bending station at the job site. And, like the smaller devices, it achieves optimal bending values with different materials and material thicknesses.

The obvious decision for 3 meter folds at the job site.

TECHNICAL FEATURES

ALWAYS HAVE EVERYTHING YOU NEED AT THE JOB SITE

- weight balancing of the clamping beam
- smooth and efficient operation - holds the clamping beam up at every opening height
- bending beam with manual crowning system - good, uniform bending result throughout the entire working length
- upper rail can be exchanged for different materials and material thicknesses • wear- and maintenance-free
 - roller bearings

TECHNICAL FEATURES OF THE LBX 200 AND LBX 250

HERE YOU CAN SCORE POINTS WITH FLEXIBILITY

LBX 200 and LBX 250 are optimal prepared for various locations at the job site.

- machine support stands - standard support stand with steerable wheels for convenient transport at job sites
- available also with short "feet" (truck support stand) – ideal for installation on a work bench or in a construction vehicle

LBX 200 · LBX 250





- optional:
- back gauge 500 mm or 750 mm with back gauge stop bar
- roller shear
- rolling unit and rods with different diameters and lengths

- a two-person job that's all you will need to move the machine around the job site without any extra tools







SUITABLE FOR EVERY **JOB SITE**

MAXIMAL MOBILITY. EXTREMELY LIGHT. READY TO USE IN SECONDS.

USE

QUICK AND EASY IN THE RIGHT PLACE

- ideal for frequently changing job site places
- ideal for work in upper floors
- ideal for work on ceilings and scaffolding
- ideal for one-day job sites

BENEFITS

LIGHT AND FLEXIBLE

- Lightweight for the job site, can be carried by one worker
- The **TBX** (without X-shaped support stand) can be installed on a workbench or in a construction vehicle
- Foldable X-shaped support stand with wheels and handle (available as an option)
- Set up secure you're ready to go
- Attachable roller shears (optionally available)
- Durable steel construction optimally suited
- Clamping pressure adjustable good, uniform bending throughout the entire working length

TECHNICAL FEATURES

AS PERFECT AS THE LARGER MODELS

- bending beam with manual crowing system - always the right pretension for the material and material thickness
- wear- and maintenance-free roller bearings

- for everyday work at the job site

USE

ALWAYS IN USE WHERE THEY ARE NEEDED

- ideal for frequently changing job site places
- ideal for one-day job sites
- ideal for sites that change on short notice
- ideal for work in upper floors

VERSATILE, FLEXIBLE AND MOBILE

The LBT 125 is also a lightweight – it only weighs 85 kg including the machine support stand and rolling unit. It can therefore be moved around the job site easily and is as sturdy as a larger model.

MOBILE, VERSATILE, CONVENIENT

- flexible for switching sheets sharp rails can be exchanged in the clamping beam
- clamping pressure adjustable uniform bending result throughout the entire working length

- steerable wheels with stop mechanism - stable thanks locking lever





BENEFITS

- smooth operation due to weight balancing of the clamping beam
- machine support stand can be removed for convenient transport

TECHNICAL FEATURES

BENDING, CUTTING AND BEADING - ALL IN ONE MACHINE

- different sheet thicknesses possible - clamping beam rail can be exchanged
- bending beam can be lowered, pretension can be adjusted
- rolling unit
- rolling rods (optionally available)
- roller shear (optionally available)

CLEVER SEGMENT BENDING -COMPLEX FORMS MADE EASY

EASY AND SAVES TIME. NO TOOLS NEEDED.

MOBILE LIGHTWEIGHT AT THE JOB SITE

AGTLE AND MOBILE. EASY HANDLING.

COMPLEX FORMS MADE EASY -IN ONE WORK CYCLE WITHOUT **CONVERSION TIME**

Segment bending machines are equipped with segmented rail system. The bending rail consists of individual segmented tools. Clever combination and the free space between the segmented tools make it possible to bend workpieces on all sides. You can use it to produce tricky and complicated forms quickly and easily.

You can lay out several segment stations next to each other and implement successive work steps rationally and without conversion time, all in one machine and in one work cycle.

BENEFITS

THE QUICK CLAMPING SYSTEM INCREASES **PRODUCTIVITY IN SECONDS**

The manual bending machines from Schechtl are equipped standard with the patented quick clamping system on the clamping, lower and bending beam. The concept makes it very simple to rearrange tools. Tried and tested thousands of times in practice. As you neither need tools or screws, you gain valuable time and increase productivity.

THE VARIETY OF FORMS IS ENORMOUS

Elaborate box forms, special forms, samples and window sills are easy to produce in an efficient way.

BENEFITS

BOXES, CASSETTES AND THE LIKE IN ONE WORK CYCLE

- rational and productive all segments can be adjusted without tools
- The **TBS** masters even 25 mm and 35 mm rollformed seams for eaves and ridge folds

TBS

• with the **TBS**, sheet metal workers avoid any "surprises" at the job site and can work completely self-sufficiently in profile production

CONVENIENCE

EFFORTLESS ON THE JOB SITE

- operate the **TBS** • The **TBS** (without X-shaped support stand)
- construction vehicle • Foldable X-shaped support stand with rollers and handle (available as an option) - Stable and convenient to transport - Simply pull it behind you like a roller suitcase
- Reduce transport weight segments are transported in a separate box where they are stored safely and optimally protected











JOB SITE

TECHNICAL FEATURES

- 1 worker alone can easily transport and
- can be installed on a workbench or in a



SCHECHTL

TBS 100

* * * *

Standard

- all beams have 40 mm free space of movement
- the clamping beam only has a 45 degree flat slope – this offers additional free space for refined seamed profiles with long limbs
- the roller shear is a useful accessory for cutting sheets directly on the machine (optionally available)

TRANSPORTABLE. JOB SITE. **SEGMENT BENDING.**

Your area of application spells out the **TBS**. The smallest of the manual segment bending machines in the Schechtl range is huge when it comes to its flexibility on the job site.

Thanks to its small dimensions, you can easily move the **TBS** on the job site, as well as between floors, on scaffolding and in small areas.

TBS with foldable X-shaped support stand (optionally available) It's been in business for a long time – no other can challenge it. Its specialties are special forms and anything round

SCHECHTL

Really sharp so you - can cut well before bending

It takes care of all boxes and cassettes and feels at home in any special segment

EXTREMELY FLEXIBLE ON THE SHOP FLOOR

EVERYTHING A SHEET METAL WORKER'S HEART DESIRES. FROM SIMPLE TO TRICKY - YOU CAN GET THE PERFECT FORM WITH OUR MANUAL DEVICES.



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TWO, WHO LIKE TO SHARE -**STRONG SPECIALISTS FOR THE SHOP FLOOR**

THE SPECIALISTS FOR TRICKY TASKS.

HIGH QUALITY FOR SPECIAL FORMS

Two manual bending machines master tricky special designs as well as everyday supplemental bends on workpieces, boxes, cassettes requirements.

The **UK** and the stronger **UKV** are your specialists for closed special forms. The segments are cleverly positioned, and several work steps are completed without conversion time. The rational work flow is maintained while conversion of the motorized machines becomes unnecessary.

U POWER

The **UK** and **UKV** are ideal for single-piece production and small series as well as prototype construction in the trade sector.



BENEFITS

ADJUSTMENT WITHOUT TOOLS - A HUGE ADVANTAGE FOR SAFETY, PRECISION AND SPEED

- clamping, lower and bending beam with patented quick clamping system is standard
- combine and rearrange any segments in a flash without using tools and screws
- intelligent segment combination of several work steps can be executed in a rational manner without conversion time
- take out individual tools this creates free space between the segments for closed workpieces

SCHECHTL



High clamping beam segments





Use storage box as work surface (without back gauge)

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COUNTLESS PRACTICAL DETAILS MAKE EVERYDAY WORK EASIER

- Adjustments without tools a huge advantage for safety, precision and speed.
- lower bending beam with hand wheel and scale
- set clamping beam pressure with a lever
- equipped with wheels, the **UK** (standard) and the **UKV** (optional) – can be set up at any point in your production
- standard foot pedal hands-free work throughout the entire production process
- segments not currently in use can be easily stored in a storage tray located above the clamping beam
- the storage box for all segments is located in a space-saving location under the back gauge, or can be used as a tool tray in the standard model



- 140 mm + 160 mm (**UK** + **UKV**) 180 mm (UKV only) (Standard = 100 mm)
- gently due to the larger curve
- various back gauge systems
- roller shear



UK/UKV back gauge (aluminum T-slot)







ACCESSORIES **OPTIONAL ACCESSORIES** • high clamping beam segments • clamping bar segments with 2 mm and 3 mm radius, zinc and aluminum can be bent more • inserts for producing windowsills • wheels with chassis (UKV) UKV back gauge (spur rack)

THE ONE WITH EXTRA HIGH **SEGMENTED TOOLS – FREE SPACE XXL**

DOUBLE AMOUNT OF FREE SPACE FOR LARGE SPECIAL FORMS.

THE SHINGLE SPECIALIST FOR SMALL AND LARGE SERIES

FAST AND EFFECTIVE, BRILLIANTLY EASY.









SHOP FLOOR

TECHNICAL FEATURES

- two accurate 180° edges in one operation
- hems without additional pressing
- repeatable work processes with two bends on two sides in one operation
- 100 mm free space on upper beam with special round rails in radius 1.25 mm
- segmented lower beam with 20 mm free space

SERIES PRODUCTION IN THE SEGMENT BENDING FIELD

The advantages of the **SB** speak for themselves

- 🗸 manually
- omobile mobile
- **cost-efficient**
- repeatable accuracy

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DUO WITH EXTRAORDINARY CAPABILITIES

THE VERSATILE PROGRAM FOR CREATIVE PROFILES.

IT BENDS AND BENDS AND BENDS KS - THE BEST-SELLING BENDING MACHINE IN THE WORLD

One device for all tasks. Profit from the many cutting-edge innovations from over 50 years of experience that are part of this machine. The **KS** model – from bending technology pioneer Konrad Schechtl – is the most popular classic device of all manual bending machines for the metal sheet work trade. Sheet metals workers swear on it. We would like to thank you for more than 25 thousand machines sold.

BENEFITS

THE ULTIMATE MACHINE FOR SHEET METAL WORKER -SAVES COSTS DUE TO ITS VERSATILITY

- very individual and extraordinary profiles can be implemented for roofs and exteriors
- optimized for diverse materials and material thicknesses
- profiles with long limbs the tried and tested principle of railroad tracks and additional lateral notches

EXTENSIVE ACCESSORIES

- special rails, offset rails, rolling unit and rolling drum can be used (optionally available)
- various back gauges for special requirements (optionally available)

TECHNICAL FEATURES

ONE OF THE BEST ADJUSTABLE, MANUAL BENDING MACHINES ON THE MARKET

- maximum bending free space on the clamping beam
- adjustable pretension for maximal bending precision on the clamping and bending beam
- reinforced lower beam best results during hemming

QUICKER AND MORE PRECISE WAY TO ACHIEVE RESULTS: ERGONOMIC, SAFE AND EASY

- high working comfort back friendly working conditions
- very wide food pedal made for hands-free work and a high operating safety
- clamping beam is driven via dual eccentric extremely light weight and force balancing mechanism
- manual lowering and setting of clamping pressure

(SV

ROUNDING



BEADING

Reinforcement of workpiece ends and box forms by beading the edges. For convenient beading directly on the bending machine, the bending beam is first fastened on the machine support with a horizontal strut. Then the rolling unit is simply placed on the bending beam and locked on.

		ROUNDING		BEADING	
	nominal size	cut width incl. 2×7mm seamed profiles	roller size Ø	rolling rod size Ø	
down	70	240	60	-	
pipes	80	280	70	-	
	90	305	83	-	
	100	333	89	-	
	120	400	108	-	
	nominal size	cut width +1/-2 mm	roller size Ø	rolling rod size Ø	
	200	200	76	13-14	
roof	250	250	89	14	
gutters	285	285	95	14-15	
	333	333	108	14-16	
	400	400	121	18-20	
	500	500	140	18-20	





Production of discharge pipes ① and roof gutters ② very easy and right on the bending machine. To do so, rolling drum with different diameters are inserted into the special receptacle on the upper part of the machine support.





POWER – EVEN WITHOUT ELECTRICITY – FULL SPEED AHEAD

WELCOME TO THE BIG LEAGUES OF MANUAL BENDING MACHINES -YOU CAN'T GET ANY MORE WITHOUT A MOTOR.

LARGE PLAYGROUND FOR SHEET METAL WORKERS, ROOFERS, EXTERIOR CONTRACTORS

Where it is impossible or inadvisable to use motorized machines, the **HBM** and **HA** are two particularly economic alternatives in the upper performance class of manual bending machines. You don't have to do without power, precision and variety of application.

BENEFITS

THESE CHAMPIONS ARE REALLY TOUGH - TWO CONVENIENT ALTERNATIVES FOR APPLICATION WITHOUT LIMITS

: TECHNICAL FEATURES OF THE HBM

EXTREME FLEXIBILITY AT 3 METER WORKING LENGTH

- support grid with single stones precise positioning of large-format workpieces
- snap-in bending angle precise repeatable bending for small series and recurring single-piece production
- great free space on bending beam profiles with long limbs made easy
- all profile and insert rails can be exchanged on clamping,

- wear- and maintenance-free
- can be used anywhere without electrical connection
- bearings and guides

lower and bending beams -

with scale

foot pedal

the right rail for every material

• simple bending beam adjustment

• rolling unit (optionally available) -

can be attached directly to the machine

• various back gauges (optionally available)

• roller shear **RSL** (optionally available)

- can be used by anyone, nearly impossible to break
 - one-man operation without expenditure of force
- workpiece clamping with large foot pedal – hands-free operation for triggering bending and a high level of operational safety

: TECHNICAL FEATURES OF THE HA

PRECISE BENDS FROM 1 TO 4 METERS OF WORKING LENGTH

- specially designed for thick sheets and long working lengths
- extremely sturdy and powerful
- ideal for long and thick sheets in extensive exterior construction, particularly flat-roof construction
- tried and tested in repair
- foot pedal
- work as well
- goats foot tooling (optionally available)

HBM POWER





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Highest performance class of manual bending machines

• all bending rails can be exchanged - set to any material • roller shear **RSL** (optionally available)

• various back gauges (optionally available)



ACCESSORIES

CONFIGURE YOUR BENDING MACHINE TO YOUR INDIVIDUAL REQUIREMENTS. THE OPTIONAL ACCESSORIES PROVIDE GREATER CONVENIENCE, PRECISION AND SAVE TIME AS WELL.



Roller shear for various manual bending machines.

2 BACK GAUGE WITH SWIVELING FINGER



The manual back gauge is equipped with swiveling fingers and the support grid for large-format workpieces. It transports precise bends throughout the entire working length. Setting the bending length is done manually with the position wheel and measuring scale.

ROLLER SHEAR HBM + HA/RSL



Simple and space-saving roller shear. The guide rods guarantee precise cutting throughout the entire working length. You can cut sheets directly on the bending machine. This model makes using shears unnecessary in individual cases.





Safe and efficient bending, which saves a huge amount of work, especially with recurring bends. Triggering the bending process by pressing the large foot pedal – hands-free and very sturdy.

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	LBX	TBX	LBT	TBS	
ACCESSORIES					
Roller shear					T
Roller shear RSL					ľ
Foot pedal					ľ
X-shaped support stand			•••••••••		ſ
Manual back gauge with aluminium T-slot 500 mm					ľ
Manual back gauge with spur rack 500 mm			••••••		ľ
UA 125 - universal back gauge table					ľ
Manual back gauge with swiveling fingers		•••••	•••••		ľ
Rolling unit					Î
Rolling drum					ľ
Wheels					t
Truck support stand					ľ
Segmented tools		•••••	••••••		t
High segmented tools					ľ
Window sill segments			••••••		ľ
ADDITIONAL TOOL OR RAIL OPTIONS	5				1
Sharp rail 20°, radius = 1 mm					Ĩ
Sharp rail 20°, radius = 2 mm					ľ
Sharp rail offset 20°, radius = 1 mm		•••••			ľ
Sharp rail offset 20°, radius = 2 mm					ľ
Sharp rail 45°, radius = 1 mm					ľ
Sharp rail offset 45°, radius = 1 mm					ľ
Round rail, radius = 1-12 mm					ľ
Round rail offset width, radius = 1-12 mm					ľ
Angled rail 85°			••••••		ŀ
Insert rail 10 mm					ľ
Insert rail 14 mm			•••••••••••		ľ
Insert rail 24 mm					ľ
Goats foot tooling 93 mm		•••••	••••••		ŀ
Clamping beam segmented tools					ŀ
with 2 mm or 3 mm radius					
Segmented tools for upper beam - height 40 mm					
Segmented tools for upper beam - height 100 mm					
Segmented tools for upper beam - height 140 mm					Į.
Segmented tools for upper beam - height 160 mm					Į.
Segmented tools for upper beam - height 180 mm					

Areas

of application

Job site

Subject to changes



TECHNICAL DATA

PERFORMANCE, DIMENSIONS, AND WEIGHT.



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	200	250
mm	2,040	2,540
mm	1.50	1.00
mm	2.00	1.50
mm	0.90	0.60
mm	2.00	1.00
mm	3.00	2.50
mm	2,675	3,175
mm	667	667
mm	1,302	1,302
kg	870	1,090
mm	80	80

HBM

Model		250	310
Working length	mm	2,540	3,100
Bending capacity			
Steel 400 N/mm²	mm	1.00	1.00
Aluminum 250 N/mm²	mm	1.50	1.50
Stainless steel 600 N/	mm² mm	0.80	0.80
Copper 300 N/mm²	mm	1.25	1.25
Zinc 150 N/mm²	mm	2.50	2.50
Overall dimensions			
Length	mm	3,569	3,998
Depth	mm	750	750
Total height	mm	1,300	1,300
Weight			
HBM	kg	1,290	1,480
Clamping beam opening I	height		
Height	mm	130	130

Page 22



TECHNICAL DATA

PERFORMANCE, DIMENSIONS AND WEIGHT.

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НА			-			-	
Model		100	150	200	250	310	400
Working length	mm	1,040	1,540	2,040	2,540	3,100	4,040
Bending capacity							
Steel 400 N/mm²	mm	3.00	2.50	2.00	1.50	1.50	0.80
Aluminum 250 N/mm²	mm	4.00	3.25	2.75	2.00	2.00	1.25
Stainless steel 6001	V/mm	2					
	mm	2.00	1.50	1.25	1.00	1.00	0.50
Copper 300 N/mm²	mm	3.00	2.50	2.50	2.00	2.00	1.25
Zinc 150 N/mm²	mm	4.00	4.00	3.50	3.00	3.00	2.00
verall dimensions							
Length	mm	2,049	2,549	3,049	3,549	4,149	5,013
Depth							
(only for machine)	mm	750	750	750	750	750	750
Total height	mm	1,300	1,300	1,300	1,300	1,300	1,300
Weight							
HA	kg	980	1,180	1,380	1,580	1,780	2,230
Clamping beam openin	g hei	ght					
Height	mm	120	120	120	120	120	120
Page 23							
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Model		100	125	Mo
Working length	mm	1,000	1,250	Wo
Bending capacity				Be
Steel 400 N/mm ²	mm	0.63	0.63	
Aluminum 250 N/mm²	mm	1.00	1.00	
Stainless steel 600 N/mm ²	mm	0.50	0.50	
Copper 300 N/mm ²	mm	0.80	0.80	
Zinc 150 N/mm ²	mm	1.00	1.00	
Overall dimensions				0v
Length	mm	1,235	1,369	
Depth with X-shaped suppo	rt sta mm	and 698	698	
Total height with X-shaped	supp mm	ort stand 1,133	1,156	We
Weight TBS machine without X-sha	aped kg	support 84	stand 114	Pa
TBS X-shaped support stand	l kg	17	17	
Partition of segments				Lo
Per 1 corner left + right	mm	100	100	
Per 1x30/40/60/70 mm	mm	2x50	1x50	Cla
	mm	5x100	8x100	
Lower and bending beam segm	ents			 Cla
Height	mm	40	40	
Clamping beam segments				
Height	mm	40	40	
Height	mm	45	45	
Page 13		R	%	Pa
[5,94"]	/			184

43 [1,70"]

Model		100	125
Working length	mm	1,000	1,250
Bending capacity			
Steel 400 N/mm²	mm	1.50	1.25
Aluminum 250 N/mm²	mm	2.25	2.00
Stainless steel 600 N/mm ²	mm	1.00	0.80
Copper 300 N/mm²	mm	2.00	1.50
Zinc 150 N/mm²	mm	2.00	2.00
Overall dimensions			
Length	mm	1,480	1,730
Depth	mm	740	740
Total height	mm	1,180	1,180
Weight			
UK	kg	260	290
Partition of segments			
Per 1 corner left + right	mm	100	100
Per 1x30/40/60/70 mm	mm	6x100	8x100
Lower and bending beam segm	ents		
Height	mm	60	60
Clamping beam segments			
Height	mm	100	100
Clamping beam opening height			
Height	mm	96	96

160 [6,3"]

104 [4,09"]

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15 [0,59"]

Segment bending 🔗 = Job site 🔞 = Shop floor

					2
UKV					
Model		100	125	150	
Working length	mm	1,000	1,250	1,500	2,
Bending capacity					
Steel 400 N/mm²	mm	2.00	1.75	1.50	1
Aluminum 250 N/mm²	mm	3.00	2.50	2.25	1
Stainless steel 600 N/mm ²	mm	1.25	1.00	1.00	(
Copper 300 N/mm ²	mm	2.50	2.25	2.00	1
Zinc 150 N/mm ²	mm	2.50	2.50	2.50	2
Overall dimensions					
Length	mm	1,600	1,790	2,010	2,
Depth (only for machine)	mm	740	740	740	
Total height	mm	1,292	1,292	1,292	1,
Weight					
UKV	kg	400	450	562	
Partition of segments					
Per 1 corner left + right	mm	100	100	100	
Per 1x30/40/60/70 mm	mm	6x100	8x100	11x100	16>
Lower and bending beam se	egmer	nts			
Height	mm	60	60	60	
Clamping beam segments					
Height	mm	100	100	100	
al 1 1 1 1 1	ght				
Clamping beam opening hei			0.0	0.0	





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UKF					
Model		100	125	150	200
Working length	mm	1,000	1,250	1,500	2,000
Bending capacity					
Steel 400 N/mm²	mm	1.50	1.50	1.50	1.00
Aluminum 250 N/mm²	mm	2.25	2.25	2.25	1.50
Stainless steel 600 N/mm²	mm	1.00	1.00	1.00	0.70
Copper 300 N/mm ²	mm	2.00	2.00	2.00	1.00
Zinc 150 N/mm ²	mm	2.25	2.25	2.25	2.00
Overall dimensions					
Length	mm	1,340	1,697	1,840	2,340
Depth					
(only for machine)	mm	740	740	740	740
Total height	mm	1,485	1,485	1,485	1,485
Weight					
UKF	kg	530	560	683	845
Partition of segments					
Per 1 corner left + right	mm	100	100	100	100
Per 1x30/40/60/70 mm	mm	6x100	8x100	11x100	16x100
Lower and bending beam s	egme	ents			
Height	mm	120	120	120	120
Clamping beam segments					
Height	mm	160	160	160	160
Clamping beam opening he	ight				
Height	mm	96	96	96	96

JR		
Model		50
Working length	mm	2x550
Bending capacity		
Steel 400 N/mm²	mm	1.00
Aluminum 250 N/mm²	mm	1.50
Stainless steel 600 N/mm ²	mm	0.60
Copper 300 N/mm²	mm	1.25
Zinc 150 N/mm²	mm	1.50
Overall dimensions		
Length	mm	1,410
Depth	mm	1,005
Total height	mm	1,600
Weight		
SB	kg	265
Partition of segments		
Per 1 corner left + right	mm	100
Per 1x30/40/50/60/70/100 m	ım	
Clamping beam opening height		
Height	mm	86



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216 [8,50"] 163 [6,42"]

LINE-UP OF MACHINES

MACHINES FOR THE ENTIRE RANGE OF TOP-QUALITY METALWORKING AS OF 02/2023





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回於回 約日 www.schechtl.de 回答記