



SBS E 2020 • 2540 • 3020

FOLDING MACHINES

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Everything for metalworking under one roof

KNUTH Machine Tools is a leading supplier of conventional and CNC machine tools. KNUTH is a global company with a presence in more than 30 countries.

In an area of 172,000 ft² at our headquarters in Wasbek, Germany, we keep a complete selection of machines for all areas of machining and metal working ready for demos and quick delivery.



Quality Assurance for your KNUTH Machine

Quality by KNUTH Certified Quality Assurance

More than 1400 machines are shipped annually from our headquarters in Wasbek, Germany. Every machine has to pass a series of tests in our 5-level quality assurance process that covers everything from incoming quality control to alignment testing, and from functional, technical and geometric accuracy tests to the final acceptance test. These tests are conducted by our master technicians who use a dedicated customized data processing system for this purpose.

An ISO 9001 certified quality management system ensures continuous control and improvement of all quality-relevant activities. Design, development and precision of each individual machine are documented exactly in detailed inspection protocols and acceptance test logs.

All-Encompassing KNUTH Service Worldwide Reliability

Trust our global qualified staff take care of everything from installation and maintenance to repairs and upgrades quickly and professionally.



The Process of Making
a KNUTH Machine Tool



KNUTH Machines in Action

Visit our YouTube page to experience machines in action before the real-life test on site

Subscribe to our YouTube channel - Go to KNUTH Machine Tools!



Complete Service by KNUTH

Reliable service from a single source

We provide highly qualified technicians and engineers all over the world to ensure reliable service from one central source. And our global supplier network ensures prompt availability of replacement parts and consumables at a local level.



CONSULTATION

- Sample work pieces
- Machine demos



START-UP

- Installation / Commissioning
- On-site Instruction



TRAINING

- User Training
- Maintenance Training



PREVENTIVE MAINTENANCE

- Inspection
- Maintenance



REPAIR

- Machine Repair
- Spare Parts



MACHINE WARRANTY

- Protect Insurance

KNUTH Technical Service Help Desk

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KNUTH Parts Service

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service@knuth-usa.com

Our Service Help Desk is available 24/7 online at: knuth-usa.com/servicedesk



Manual Folding Machines

SBS E 2020 • 2540 • 3020

Heavy manual folding machine with segmented upper tool



SEGMENTED UPPER TOOL

EASY TO USE

VERY LOW MAINTENANCE

SBS E Manual Folding Machines

Models

SBS E 2020/2,0

SBS E 2540/1,5

SBS E 3020/1,2

SBS E Series consists of manual folding machine used for component bending. Due to its compact design, this machine easily fits in small workshops and can be used for small series production.

Main Features

Machine Frame



- The durable solid casted frame construction assures long operating life
- Both sides of machine columns are covered with steel plates to protect machine moving elements and increase operator's safety



- Setting the required bending angle is easily done with the adjustable angle stop from 0° and up to 135°



- Side positioned handle for easy and firm plate clamping
- The model features a cam lock and rebound spring for bending beam counterbalance to drastically reduce the effort required to operate the machine



- Clamping adjustment is done using the screws situated on internal side of machine feet

Folding Beam



- With a robust folding beam with bow design and transversal supports, any deformations are prevented even after many years of operation
- The screw type manual crowning adjustment on the folding beam increase the precision of bending, especially when working full length



- These models are designed with side screws for easy adjustment of the distance between top and folding beam, according to sheet thickness

Top Beam



- The segmented top beam tools offer a wide range of applications
- SBS E 2020/2,0: 1, 1.2, 1.4, 1.6, 1.8, 2, 3, 4, 6, 8, 8, 10.6, 15.7, 15.7 in
- SBS E 2540/1,5: 1, 1.2, 1.4, 1.6, 1.8, 2, 3, 4, 4, 6, 6, 8, 8, 10.6, 10.6, 15.7, 15.7 in
- SBS E 3020/1,2: 1, 1.2, 1.4, 1.6, 1.8, 2, 3, 4, 4, 6, 8, 8, 8, 10.6, 15.7, 15.7, 15.7 in

Technical Data

Technical Data SBS E		2020/2,0	2540/1,5	3020/1,2
Working area				
Working length	in	80	100	119
Plate thickness (max.)	in	0.08	0.06	0.06
Working height	in	36	36	36
Male Die				
Stroke	in	4.7	4.7	4.7
Bending Die				
Bending angle (max.)	deg	135	135	135
Adjustment range for A axis	in	1	1	1
Measures and weights				
Overall dimensions (length x width x height)	in	111x34x52	131x29x60	150x29x60
Weight	lbs	2,255	2,750	3,047
Part No.		131367	131371	131372

* Due to the process of constant improvement, products and product's data can change without notice.

Standard Equipment

Segmented top beam tool



- For a wide range of applications

Instruction manual



- Contains installation, maintenance and operating instructions



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