

Technical Data

rugged, welded construction (frame and side-support version)

slip-free steel band drive (patented) with hardened and ground linear guides for superb quality and high precision

all axes with highly dynamic DC-motor drives

knife and service friendly acrylic table top

material hold-down with stepless vacuum system

light-barriers with integrated self test to control the working area

Repeatability	+/- 0.02 mm / 0.0008 in. (2XL/3XL-3000 +/- 0,03 mm / 0.0012 in.)
Resolution of measuring system	0.005 mm / 0.0002 in.
Addressable resolution	0.01 mm / 0.0004 in.
Speed	1-1000 mm/s / 0.04 - 39 in./s max. speed depending on cutter size and tool head
Acceleration	max. 10 m/s ² / 400 in./s, 1G, depending on cutter size and tool head
Max. material thickness	standard up to 25 mm (1.18 in.) optional 50 mm (2.36 in.)
Interface	RS232C / V24, 600...38400 Baud; input buffer 1MB with replot function
Software	command set: HPGL expanded, data format: ASCII
Electronic Control	Service-friendly, exchangeable electronic box
Air pressure	400l/min. 8 bar for POT
Vacuumpumps	1,1 kW, 2,2 kW, 4,0 kW, 8,5 kW, 12,5 kW (further types available on request)

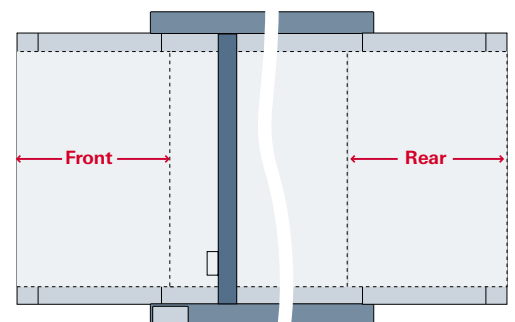
Choice of 14 cutter sizes

Width*	800 mm	1300 mm	1800 mm	2200 mm	2700 mm	3200 mm
Length*	31 in.	51 in.	71 in.	86.5 in.	106.5 in.	126 in.
800 mm 31 in.	S-800	M-800				
1200 mm 47 in.		M-1200	L-1200	XL-1200		
1600 mm 63 in.		M-1600	LR-1600 LH-1600	XL-1600		
2500 mm 98 in.			L-2500	XL-2500		
3000 mm 118 in.			L-3000	XL-3000	2XL-3000	3XL-3000

*Actual cutting area may vary depending on the tool head.

Conveyor extensions

- for front- and rear side
- from 800 mm to 3000 mm length



Worldwide, accessible, competent

As a supplier of highest-quality cutting systems, Zünd is equally committed to providing first class sales and after-sales support. Zünd is represented by a worldwide sales and service/support network. Local sales and service centers offer complete cutting systems as well as consumables and spare parts for Zünd and Wild plotters/cutters with hotline service for remote diagnostics and local spare parts inventories for maximum responsiveness to customer needs and machine up-time.



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ZÜND
 swiss cutting systems

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Zünd Composite and Technical Textile Cutter

Multifunctional Cutting System

for processing of carbon-, glass-, aramid-, laminated fibre, prepreg, filter materials, honeycomb etc.

for automotive industry, boat building, aeronautics, wind turbine, marine, construction, sport goods etc.

Cutting system



Efficient, simultaneous cutting and unloading of various materials with conveyor extension



Ink Jet Part Marker

- contact free
- prints on any surface
- higher productivity



Tool inserts



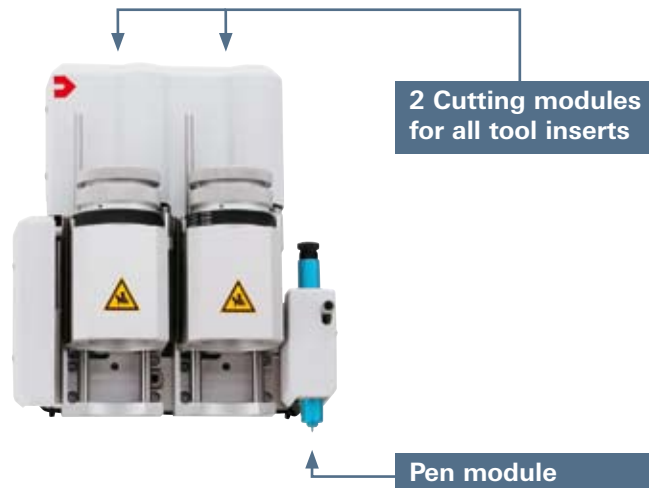
01
tangential
tool

02
electric
oscillating
knife

03
pneumatic
oscillating
knife

04
driven rotary
knife

Tool head



2 Cutting modules
for all tool inserts

Pen module

With Zünd you always make the cut

superior cut quality at unsurpassed productivity levels

unrivalled price-performance ratio and return on investment

upgradeability and modularity for lasting value in changing markets

optimal marking with the Ink Jet Part Marker (prints in any direction and on almost any materials)

system configurations adaptable to specific applications and production requirements

proven reliability, low-cost maintenance

highest-quality Swiss engineering and construction

worldwide service & support organization