

50T Force - 1600mm Length

WAD-50T/1600-AU

FROM

\$81,500_{+GST}

Tonnage: 50T

Axes: 6+1 Axes or 8+1 Axes

Press Length: 1600mm (Optional 1300mm)

Controller: Delem DA66S or DA69S



Our NEW 1600 mm ADH CNC Press Brake (50T) is designed for precision bending and reliable performance in a compact footprint. As standard, this model is supplied in a 1600 mm bending width and features 6+1 axis CNC control, pairing seamlessly with the advanced Delem DA-66S or DA-69S controller.

The Delem DA-66S allows operators to import 2D DXF flat patterns or create bend profiles directly within the control, with full 3D preview and automatic bend sequence recognition. For more advanced applications, the Delem DA-69S adds support for 3D CAD file imports, feature and sequence recognition, and full 3D part design directly within the controller.

Technical Parameters		Unit	Specification
Bending Force		kN	50T
Max. Bending Length		mm	1600
Throat Depth		mm	130
Stroke		mm	160
Opening Height		mm	460
Fast Speed		mm/s	500
Working Speed		mm/s	13
Return Speed		mm/s	160
Axis Specifications	X-Axis Stroke	mm	500
	X-Axis Speed	mm/s	350
	R-Axis Stroke / Speed	mm / mm/s	200/200
Column Distance		mm	1120
Oil Tank		L	150
Main Motor		kW	8.4
Weight		Ton	3.7
Dimensions		L x W x H	1750 x 1500 x 2330

WAD-AU Range Features

CNC Servo-Hydraulic Press Brake

Together with AHD machine tool, we have developed this range of CNC Hydraulic Press Brakes for the growing Australian Manufacturing market. These precision and easy to use Press Brakes will pair perfectly with our range of Fiber laser machines, bringing full production control back to your manufacturing floor, where the programming and skills can be maintained in the office.

Features:

- Independent Y1 and Y2 axis.
- Upper beam rails designed in a way that allows the bending load to be off-centre. The beam position is monitored by two independent linear encoders that provide feedback to the controller.
- Whole frame welded and tempered to eliminate any internal stress.
- Three-dimensional machined manufactured in a single process, to ensure geometrical precision and therefore bending accuracy.
- Hydraulic pump driven by VSD, which:
 - Reduces energy consumption by 60%.
 - Reduces noise, especially when sitting idle.
 - Reduces oil temperature fluctuations which translates in higher bending consistency/repeatability
- Main chassis components have been designed and tested with FEA
- Hydraulic Valve HAWE from Germany
- Hydraulic Gear Pump Rexroth from Germany
- Linear Encoder = Givi from Italy
- Main Motor Estun/Innovance from China
- Electrical Components Schneider from France
- Crowning Automatic Crowning servo from China
- Ball Screw and Linear Guide PMI/PYM from Taiwan



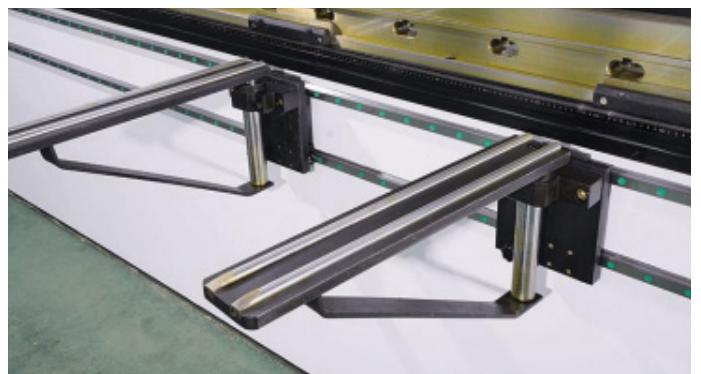
DA69T Controller



China Estun Servo Motor



ADH Fast Clamping System



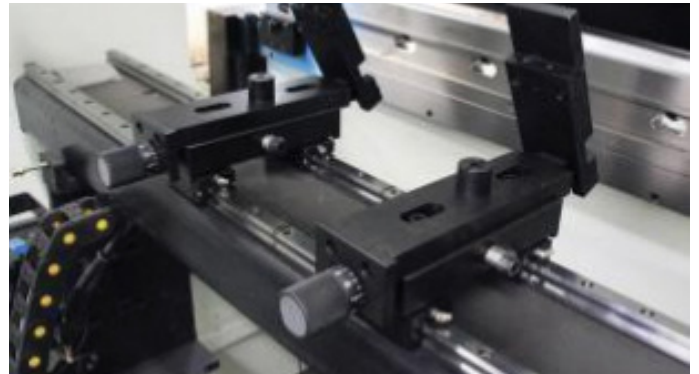
Front Supports With Dual Linear Guide Rail

WAD-AU Range

CNC Servo-Hydraulic Press Brake



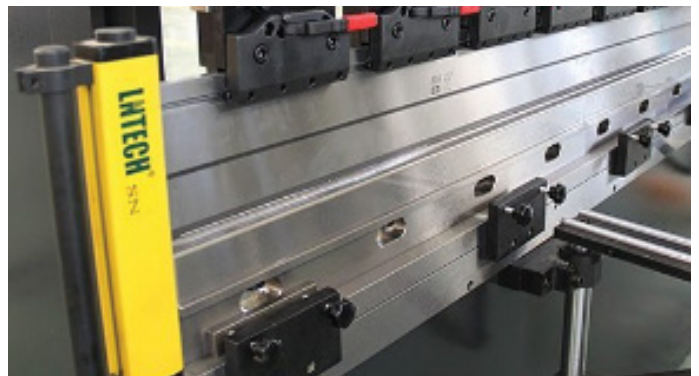
French Schneider Electronics



ADH Custom Design Back-Stop Fingers



Automatic Table Crowning



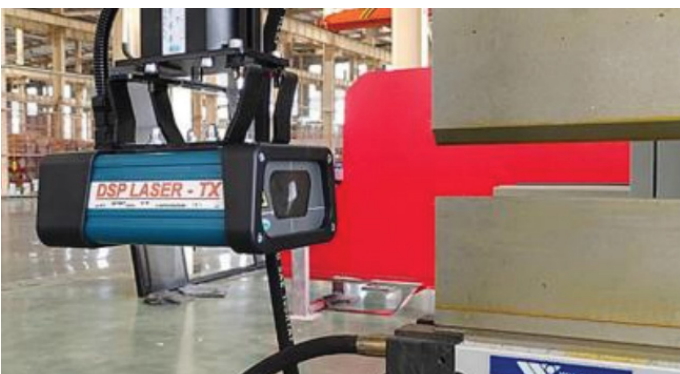
LHTECH Light Curtain Safety



Precision GIVI Grating Ruler



Movable Pedal Switch Stations With Emergency Stop Button



DSP Laser Protection Safety System Option



Precision German Hawe Hydraulic Valve

WAD-AU Range

Controller Options Explained



Delem DA-66S

The DA-66S offers 2D programming that includes automatic bend sequence calculation and collision detection. Full 3D machine set-up with multiple tool stations, giving true feedback on the product feasibility and handling.

Features:

- 24" high resolution colour Touchscreen
- 2D graphical touch screen programming
- 3D machine representation and simulation
- Profile-S2D offline software



Delem DA-69S

The DA-69S offers 2D as well as 3D programming/ file importing that includes automatic bend sequence calculation and collision detection. Full 3D machine set-up with multiple tool stations giving true feedback on the product feasibility and handling. Highly effective control algorithms optimise the machine cycle and minimise set-up time. This makes using press brakes easier, more efficient, and more versatile than ever.

Features:

- 24" high resolution colour Touchscreen
- 2D & 3D graphical touch screen programming
- 3D visualiation, machine representation and simulation
- Profile-S3D offline software

⚡ Koenig Machinery - Over 10 Years!

Your Trusted Local Machine Solution Expert

Australian-Based Sales, Service & Support You Can Rely On

For over 10 years, Koenig Machinery has been delivering best-in-class CNC laser solutions to businesses across Australia. With locally based technicians in Sydney, Melbourne and Brisbane, we provide nationwide coverage, ensuring our customers receive fast, reliable, and expert technical support whenever needed. Our Australian-based customer service and technical support teams operate from our Melbourne head office, delivering responsive assistance tailored to local business needs.

Investment In Innovation & Customer Experience

At Koenig Machinery, we are committed to continuous investment in technology, facilities, and customer service. Australia's largest range of demonstration machines in our Brisbane, Sydney and Melbourne showrooms, where we feature the latest in CNC laser machinery, providing live demonstrations and a dedicated space for technology development. We believe in empowering our customers with firsthand experience of the precision, efficiency, and reliability that our machines offer.

Strong Industry Partnerships & Long-Term Commitment

As a trusted supplier with industry-leading manufacturer relationships, we provide Australian businesses with high-quality CNC laser equipment designed for performance and durability. Our commitment to long-term customer relationships is reflected in our ongoing investment in technical staff, service and support teams, as well as enhanced marketing and management infrastructure. These strategic investments enable us to meet the growing demands of our expanding customer base across the Australian continent.

Why Choose Koenig Machinery?

- Locally based Australian technicians covering the entire country.
- Australian-based technical support and customer service from our Melbourne head office.
- Over 10 years of trusted service to Australian businesses.
- Ongoing investment in a state-of-the-art Melbourne showroom with the latest CNC laser technology.
- Commitment to long-term partnerships with expanded service, support, and management capabilities.
- Experience the Koenig Machinery difference – your partner in precision and performance.

Contact us today to learn more!



Showrooms

View a machine in one of our showrooms located in Melbourne, Sydney or Queensland and have your questions answered by one of our qualified in-house technicians.



Victoria - Head Office and Showroom

55 Metrolink Circuit
Campbellfield VIC 3061
Open: 9am-5pm Monday - Friday
PH: (03) 9037 0826



NSW - Branch and Showroom

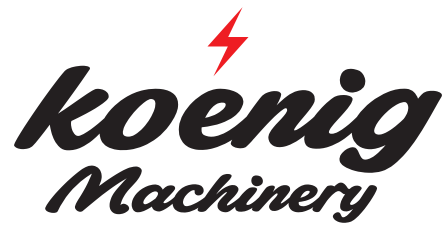
U10, 242D New Line Rd
Dural NSW 2158
Open: 9am-5pm Monday - Friday
PH: (02) 8408 0265



QLD - Branch and Showroom

4/23 Ford Rd
Coomera QLD 4209
Open: 9am-5pm Monday - Friday
PH: (07) 2802 5475

Prices, features, and imagery are subject to change without notice.
Please check our website for the most up-to-date information.



⚡ Services



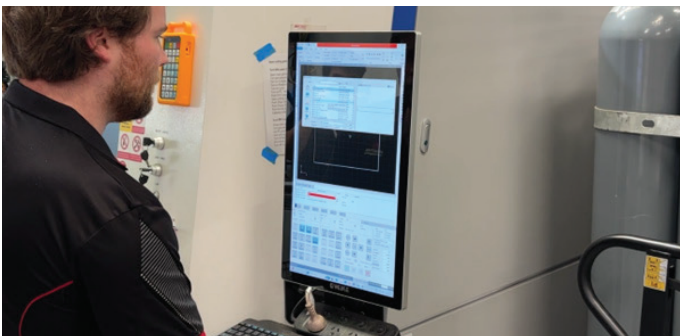
Machine Servicing

We offer scheduled maintenance and onsite service calls at reasonable rates. Our technicians work with you to maximize uptime and keep your business running economically.



Technical Support

Enjoy free lifetime phone and email support by Australians in Melbourne, Sydney and Brisbane. We provide onsite assistance and technical support to help you identify the right solution.



Operator Training

Our comprehensive on-site training ensures your team is confident in software, machine procedures, and maintenance. We empower you to run your equipment solo and successfully.



Machine Installations

Highly trained technicians handle your professional installation, assembly, and leveling. We calibrate the machine system and settings specifically to your needs to ensure optimal performance.



Machine Consumable Warehouse

As a major Australian supplier, we stock over 100 varieties of acrylic sheets, laser plywood, nozzles, and lenses. One-stop sourcing ensures your production never stops.



Machine Spare Parts Warehouse

Our local warehouses stock essential components like air compressors and water chillers. We ensure product compatibility and fast shipping Australia-wide to reduce your setup hassles.

Koenig Machinery

⚡ Testimonials



Matthew Dawson

“Partnering with Koenig Machinery allowed us to internalise production, ensuring total quality control. Their 3kW GA Pro delivered immediate ROI, faster turnarounds, and complete engineering independence.”

RMS Manufacturing, Victoria AUS

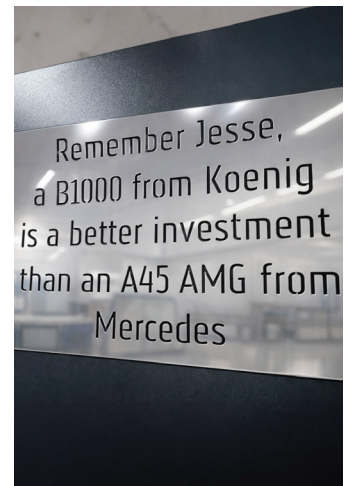
“Koenig has been excellent. Their support is levels above the competition, and the 75% reduction in production time has transformed our business. We have no regrets.”

SPS Drains, New South Wales AUS



“Since installing our Koenig fiber laser, we’ve slashed lead times from weeks to days. Their local support and high-precision machinery have revolutionized our production efficiency.”

Elanora Signs, New South Wales AUS



“Koenig is a stable partner. Their support is a phone call away, and the efficiency is undeniable—our finishing time dropped from twenty hours to twenty minutes.”

Maker Supplies, South Australia AUS