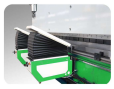
PREMIUM CNC Press brake 4100mm, 160T

 # 00540680

PREMIUM line - HPB 160 4100/4 PREMIUM














00540680 HPB 160 4100/4 4 axis w/DELEM 53T
00540681 HPB 160 4100/4 4-axis w/DELEM 58TX
00540682 HPB 160 4100/6 6-axis w/DELEM 58TX
00540683 HPB 160 4100/6 6-axis w/CYBTOUCH 15
00540684 HPB 160 4100/6 6-axis w/DELEM 66T

Introducing the highlight of precision and efficiency in metalworking – our **PREMIUM Hydraulic CNC Controlled Press Brake**. Engineered with cutting-edge technology and crafted for unparalleled performance, this press brake redefines excellence in bending operations.

Here's why it stands out:

Standard Features:

Advanced Axis Control: Benefit from precise control with 4-axis (Y1, Y2, X, R) as standard, with the option for 6-axis (Y1, Y2, X, R, Z1, Z2).
Unmatched Accuracy: Achieve perfection with Y Axis Accuracy of ±0.01mm and Y Axis Repeat Accuracy of ±0.01mm, ensuring consistent results.
Exceptional Straightness: Maintain superior workpiece straightness of ≤±0.3/1000mm, meeting the highest quality standards.
Comprehensive Tooling: Utilize Promecam type top tooling, V16, V22, V35, V50 Bottom Tooling (40 TN - 135 TN), and even Special 4V Die Bottom Tooling from 170 TN.
Efficient Clamping: Enjoy hassle-free operations with the Promecam Type Fast Clamping System, facilitating quick tool disassembly and assembly.
Robust Hydraulic System: Powered by ECKERLE pump with WANNAN Motor and HAWE/Hoerbiger hydraulic system for reliable performance.
Intuitive Control: Seamlessly operate with Cybelec Cybtouch 12 (4-axis) or Cybtouch 15 (6-axis) CNC control system, ensuring precision and ease of use.

SCANTOOL GROUP Industrivej 3-9, 9460 Brovst +45 98 23 60 88 info@scantool-group.dk

Safety Features: Ensure operator safety with DSP AP + MCS Laser protection system, rear door system with safety sensors, and easy openable side doors secured with sensors.
Versatile Backgauge: Benefit from CNC Controlled Motorized Backgauge with ample travel (X:750 mm) + (R:250 mm) for enhanced productivity.
Sturdy Construction: Built on a heavy and stress-relieved welded frame, featuring a decoupled C-bracket for linear encoder, ensuring stability and accuracy.
Convenient Tool Storage: Access tools easily with a storage system divided into three functional areas, providing space for various tools and accessories.
Complete Package: Comes with CE-Declaration and instruction manual in multiple languages (DK, EN, DE), along with a 2-year warranty for peace of mind.

General Features:
Standard Tooling: Equipped with Promecam top and bottom tooling for versatile bending capabilities.
Advanced Safety System: Includes DSP AP + MCS safety system and Cybelec Cybtouch 12 for enhanced safety and control.

Optional Equipment:
Enhanced Backgauge: Opt for a 6-axis backgauge with servo motor for expanded functionality.
Improved Cooling: Ensure optimal performance with the addition of an air cooler.
Sheet Follower: Choose between BF-01 180 kg/pce or UP-180 180 kg/pce sheet follower for efficient material handling.

Optional Feature:
Customized Load Capacity: Tailor your equipment with optional load capacities: 180KG for BF-01 and UP-180, or 380KG for UP-380.

- Experience unparalleled performance and reliability with our **PREMIUM Hydraulic CNC Controlled Press Brake**.

Product Link:

https://hmmachinery.dk/en/product/premium-cnc-press-brake-4100mm-160t

Product Specification

Nominal Force (KN)	1600
Bending length (mm)	4100
Column Distance mm	3420
Ram Stroke (mm)	200
Opening Height (mm)	440
Oil capacity (L)	590
Throat depth (mm)	400
Down speed (mm/s)	180
Pressing (mm/s)	10

SCANTOOL GROUP Industrivej 3-9, 9460 Brovst +45 98 23 60 88 info@scantool-group.dk

Return Speed (mm/s)	130
Motor (kW)	11
Voltage	3x400V - 50Hz
X Axis travel (mm)	750
X Axis working speed (mm/s)	400
X Axis accuracy (mm)	±0.05
R Axis travel (mm)	250
R Axis working speed (mm/s)	100
R Axis accuracy (mm)	±0.1
Z Axis travel (mm)	2850
Z Axis working speed (mm/s)	600
Z Axis accuracy (mm)	±0.1
Y Axis accuracy (mm)	±0.01
Y Axis Repeat accuracy (mm)	±0.01
Workpiece straightness (mm)	≤±0.3/1000
Bending angle accuracy (°)	≤±1
Length (mm)	5070
Width without front support (mm)	1877
Width with front support (mm)	2060
Height (mm)	2970
Weight	13380

Product Link:

https://hmmachinery.dk/en/product/premium-cnc-press-brake-4100mm-160t