



PRESENTS
The
GLOBAL
GHS SERIES
PRESS BRAKE



GLOBAL SERIES



DESIGNED & PRICED TO HELP YOU COMPETE IN
A **GLOBAL** ECONOMY

With All the Features to Look for in Advanced Forming Technology



**MANUFACTURED GLOBALLY
IN ULTRA MODERN
ISO-9001 FACILITIES**





HYDRAPOWER Combines The Most Advanced
Component Technologies In The World From
Global Manufacturers Such As:

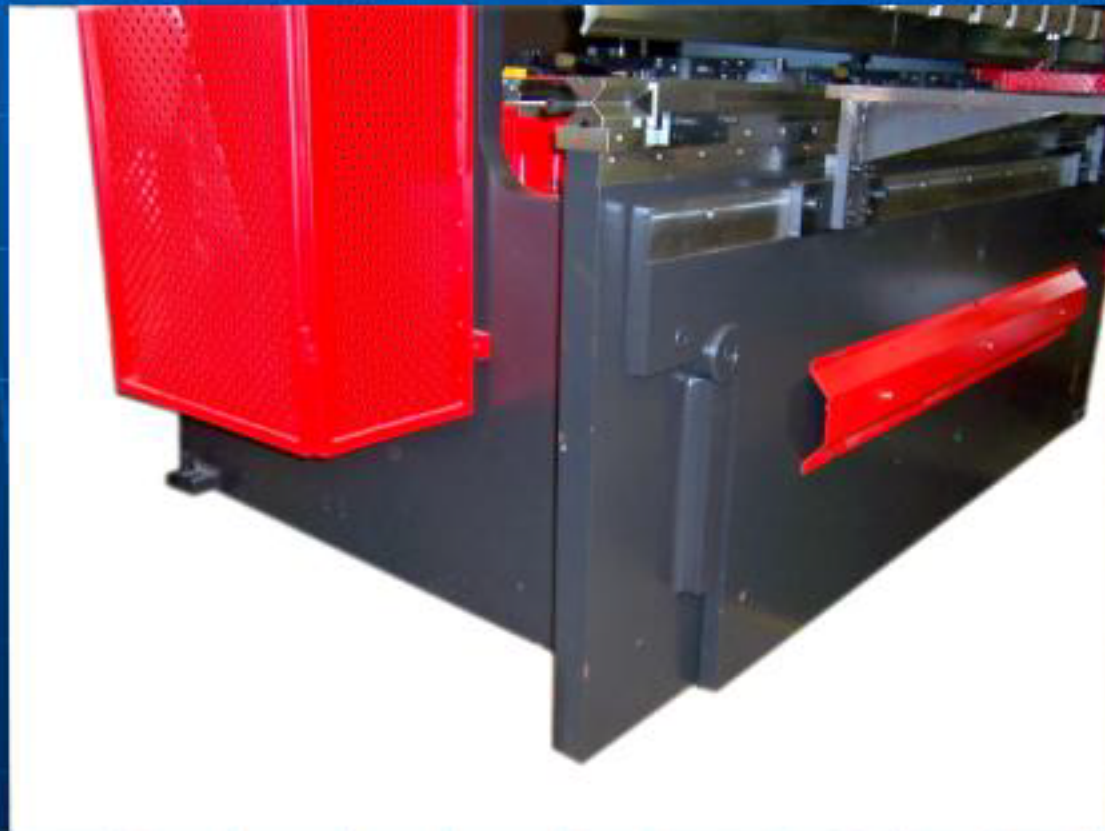
*Hoerbiger
Heidenhain
Siemens
Telemecanique
ABB
Delem
and Bosch-Rexroth*

Providing an unequaled package of
quality, performance, durability and economy.



Take A Closer Look

Composite (3-Piece) Lower Beam
Interlocked Construction (not welded)





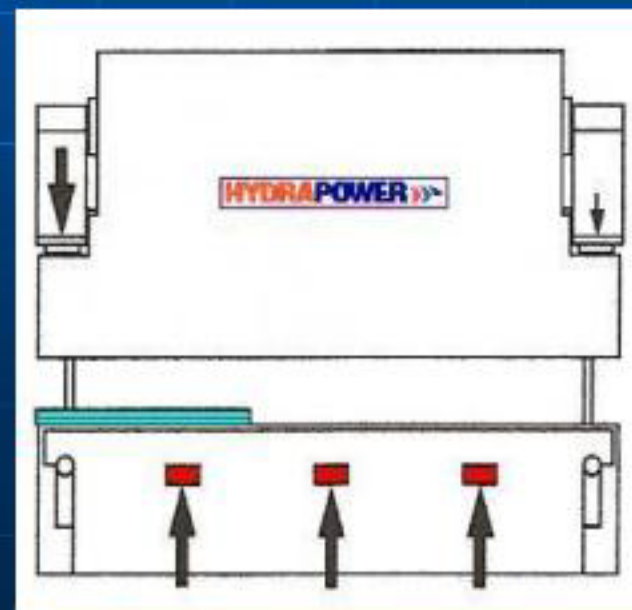
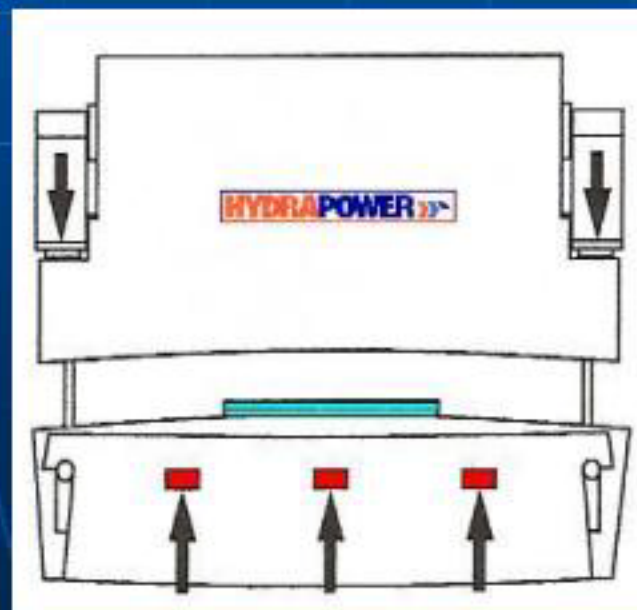
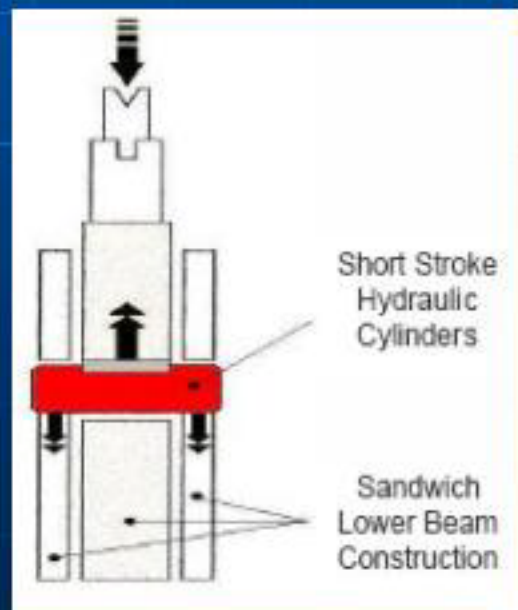
Take A Closer Look

Hydraulic Sub-Cylinders Positioned in the Lower Beam
Add Crowning Pressure Evenly Across the Beam





Sub-Cylinders Respond Dynamically in Real Time
Guaranteeing Bend Accuracy
Anywhere Along the Length of the Machine
Independent of Material Length or Characteristics





Take A Closer Look



Massive Side Frames
16-Inch Throat

Extremely Heavy Duty
Back Gauge Constructed of
Cast Steel Box Section

Bosch-Rexroth
Drives and Guides



Take A Closer Look

Back Gauge Options

Standard:

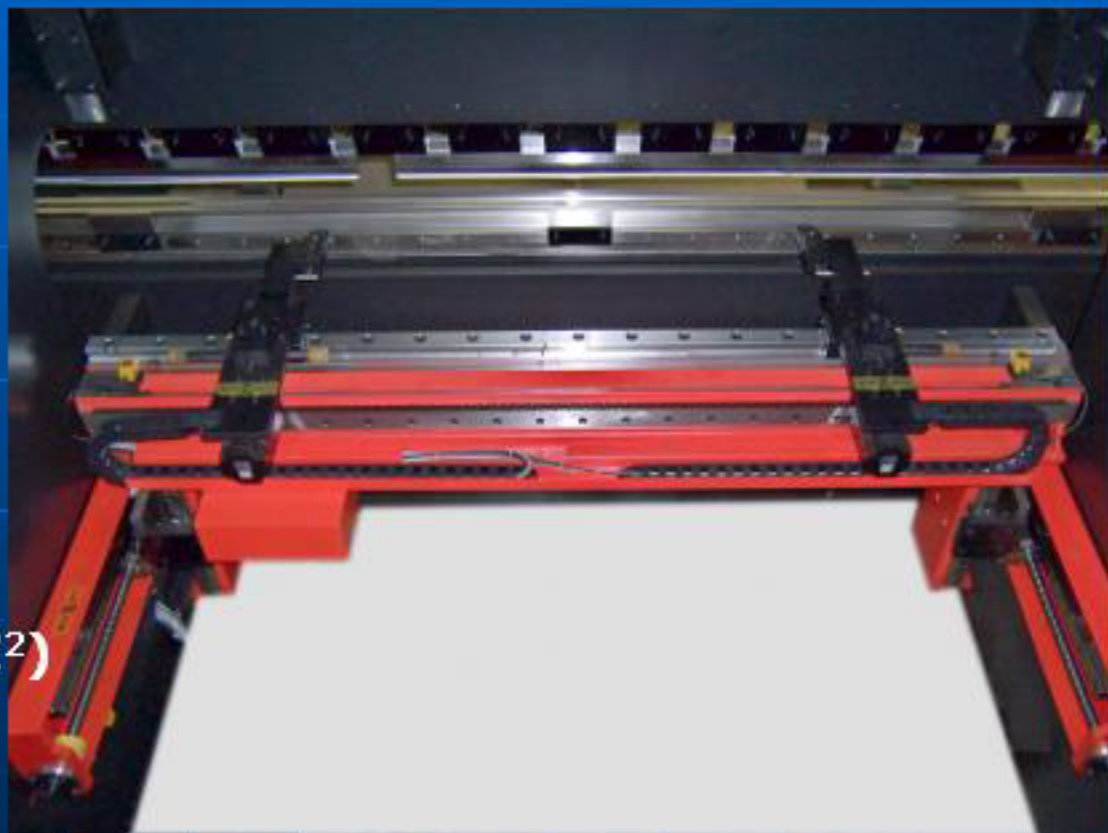
3-Axis (X, R, Z)

Optional:

4-Axis (X, R, Z¹, Z²) Shown

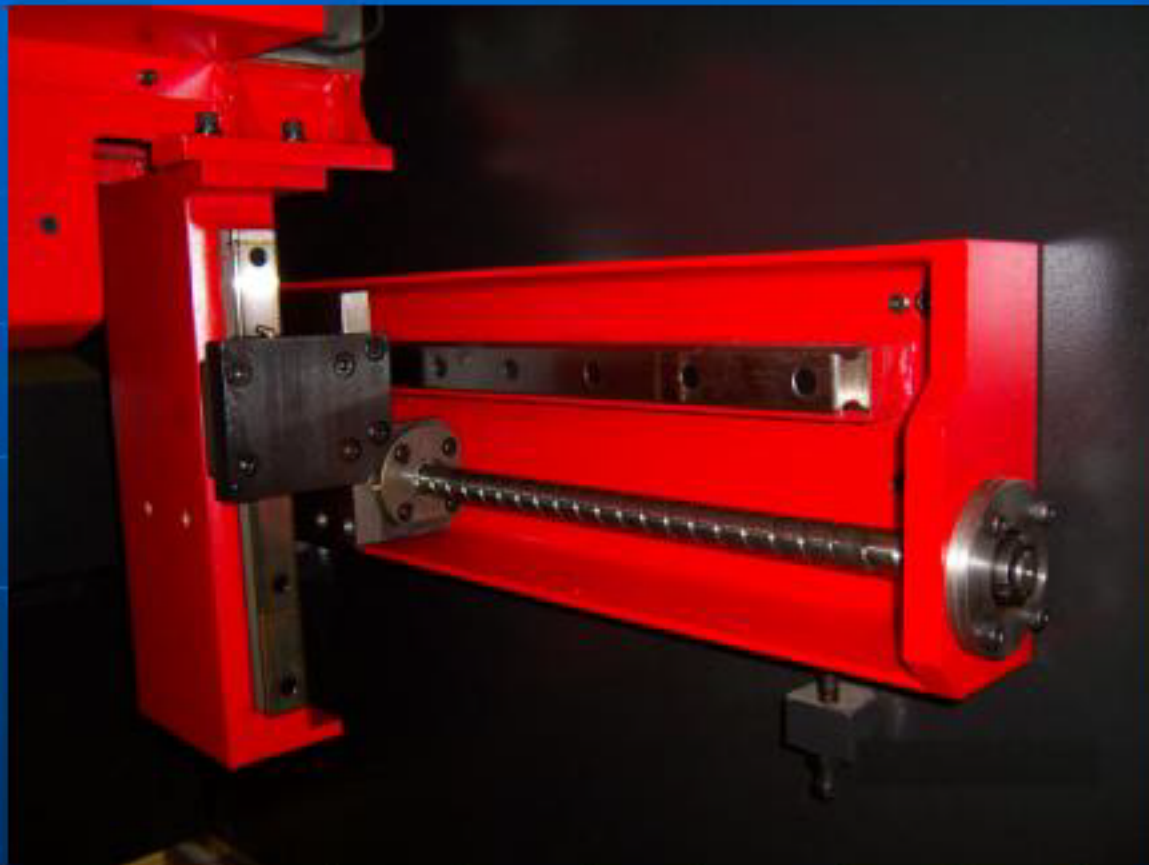
5-Axis (X¹, X², R, Z¹, Z²)

6-Axis (X¹, X², R¹, R², Z¹, Z²)





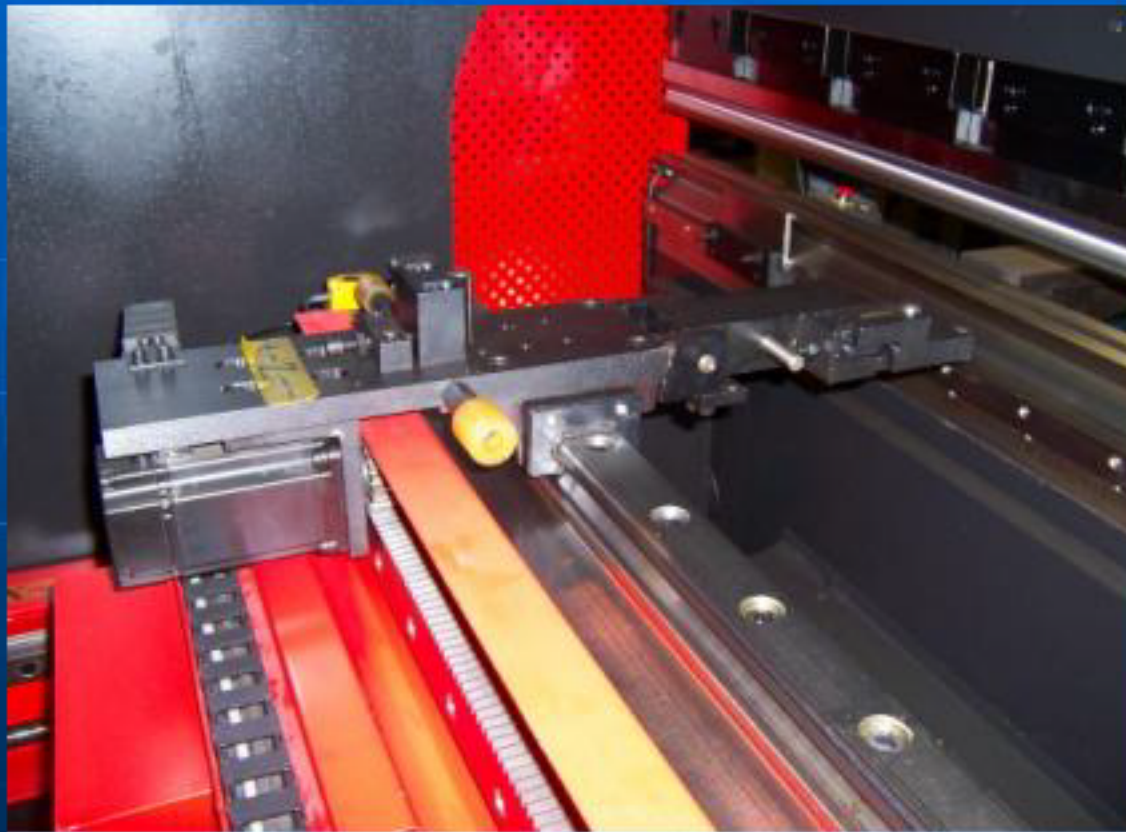
Take A Closer Look



Close Up... X and R axis



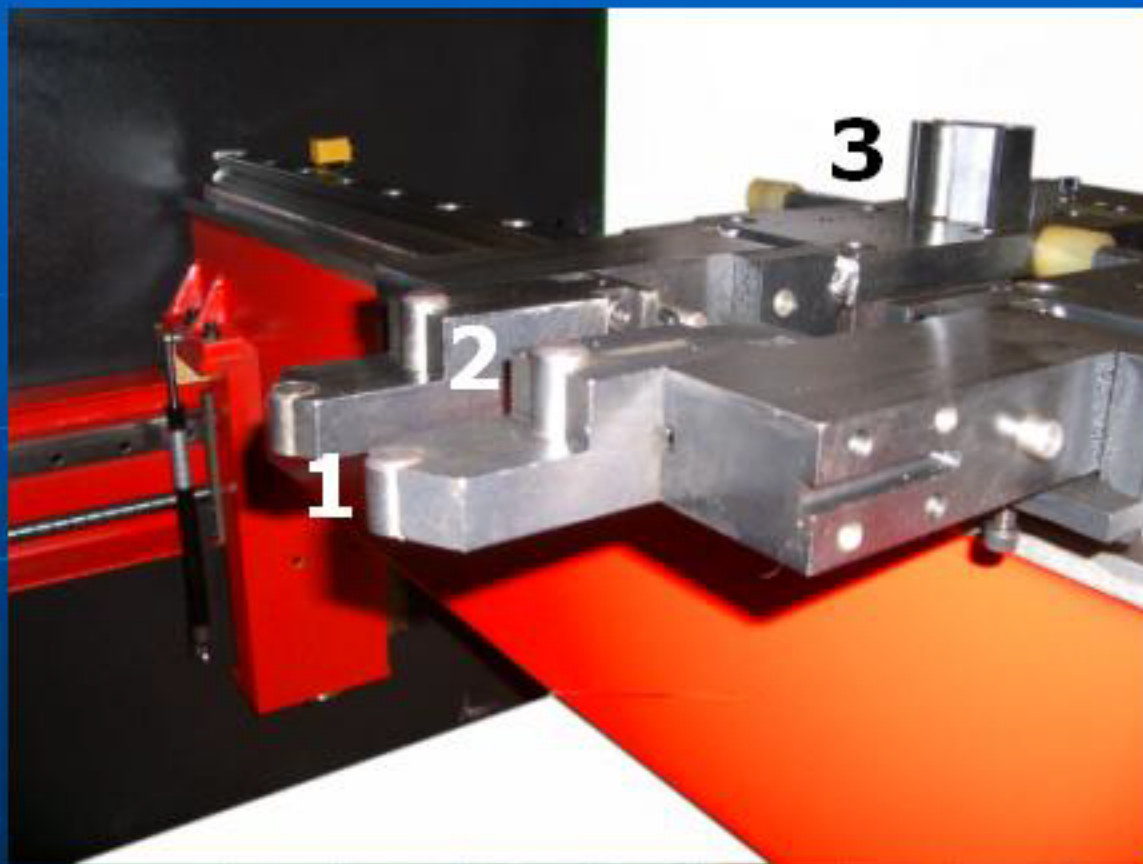
Take A Closer Look



Z-Axis and Gauge Finger



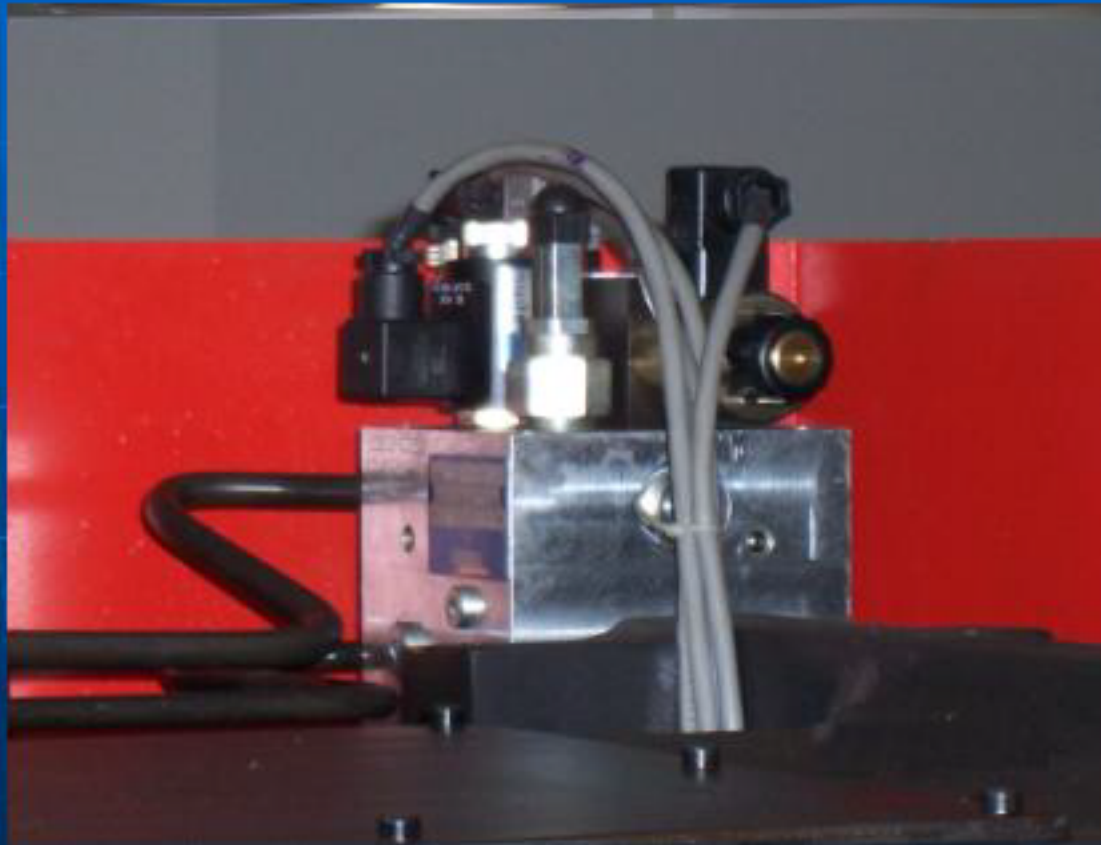
Take A Closer Look



Heavy Duty Gauge Finger with 3 Rest Positions



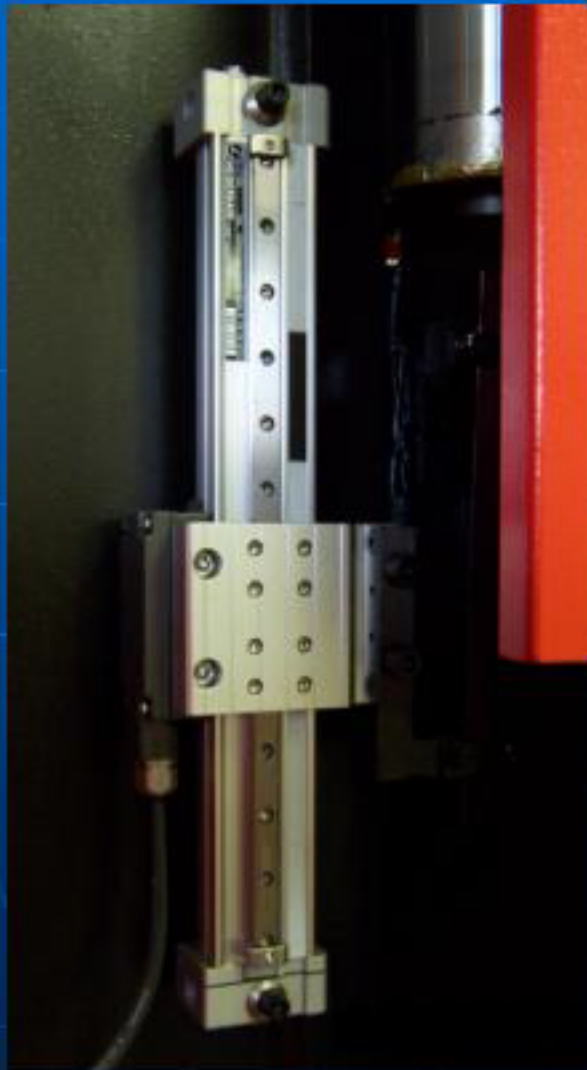
Take A Closer Look



Hydro-Electric Servo Valves
Top View- *Hoerbiger* Hydraulic Module
Mounted Directly to Cylinder Heads



Take A Closer Look



Heidenhain

Linear Encoders

Ram Level &
Positioning Accuracy to

$\pm .0004$ in.



Take A Closer Look

The **Global**
Power & Control Center

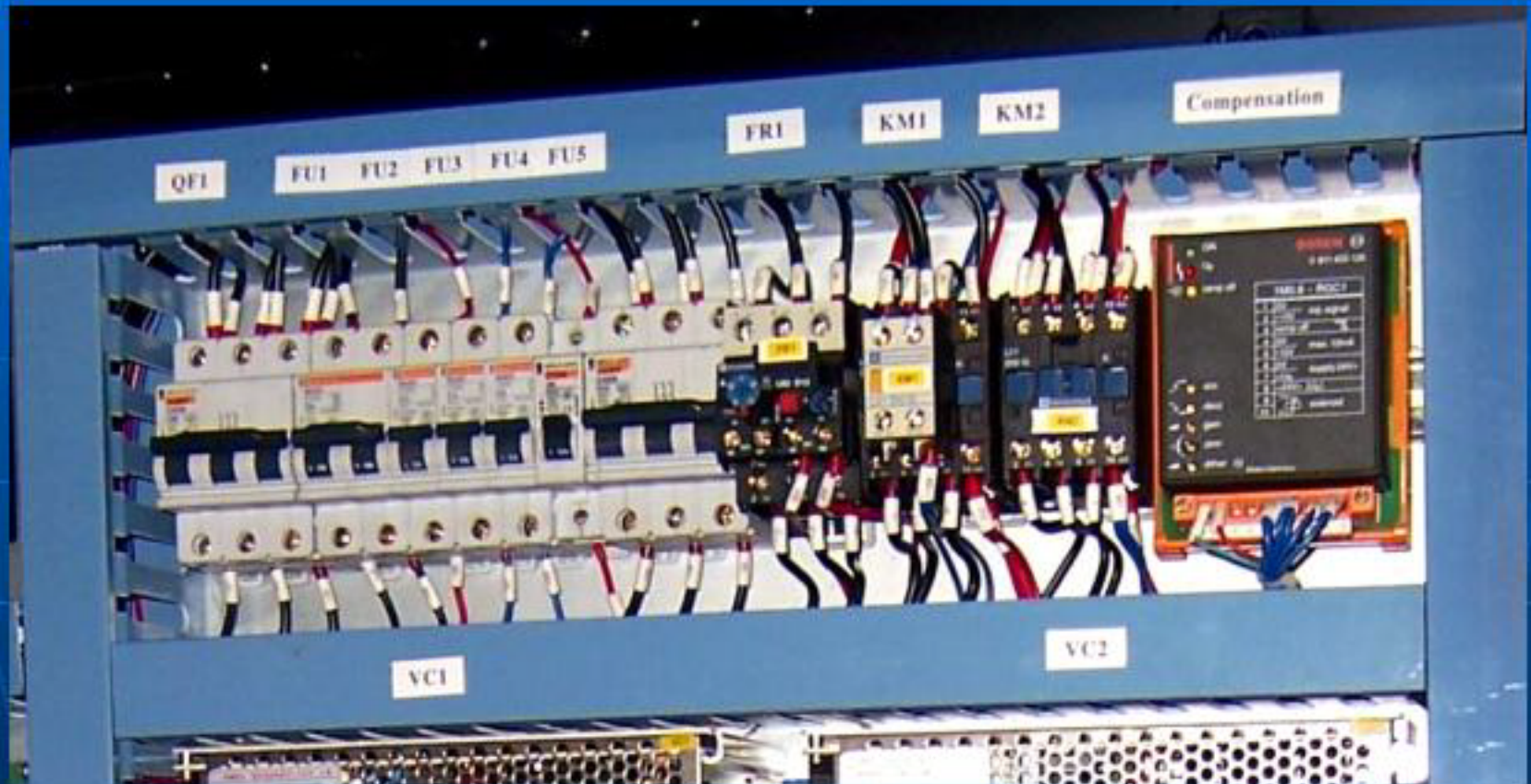
Designed With "Off the Shelf"
Components From **Global**
Manufacturers Such As:

*Siemens
Telemecanique
ABB
Delem
and Bosch-Rexroth*





Take A Closer Look



Every Wire Color Coded & Labeled and
Every Component Identified for Fast Diagnostics
And Serviceability Anywhere Around the Globe



Take A Closer Look

The **DELEM** Control

DA-66W 2-D Standard

DA-69W 3-D Optional

Simply enter the following Data:

- Part or Program Number
- Material Type
- Thickness
- Bend Length
- Flange Dim. (Inside or Outside Dim.)
- Angle

You are now ready to bend the part as
Bend Sequences are calculated
Automatically

OPTIONS:

Auto Thickness Detection & Angle Correction
2D or 3D Offline Bend Programming
"V-Bend" Offline Flat Blank Development Software





Take A Closer Look



Universal (Euro-American) Punch Holders and 4-Way V-Die Standard
Other Styles and Hydraulic Clamping Available



- ✓5-Year Warranty on Machine Structure
- ✓1-Year Warranty on OEM Vendor Supplied Components and Sub-assemblies
- ✓Installation, Operator and Maintenance Training by Hydrapower
- ✓Service by Local Area Service Network and Teleservice

