



PRODUCT REVIEWS



BENDING SOLUTIONS

HYDRAULIC PRESS BRAKES

PUMA XL

SMART XL

SERVO ELECTRICAL BRAKES

DD-M BELT AND PULLEY



DD BALL SCREW



SHEARING SOLUTIONS

AS - CNC GUILLOTINE

BS - NC SWING BEAM

CUTTING SOLUTIONS

CNC FIBER LASER



CNC PLASMA





BENDING SOLUTIONS

HYDRAULIC PRESS BRAKES



PUMA XL - advance

SMART XL - entry model

- Higher daylight and stroke
- Deeper throat depth
- Faster working speed
- Higher bending power
- Rigid and strong construction
- Linear guide on front gauge
- Heavy Duty front support on 175 ton and above
- Stronger and more rigid backgauge construction
- Special linear guide system connection of the beam
- Safety regulations
- All European components

technologies during the production to manufacture highest quality machines. Based on proven design Dener increased the working speeds, stroke, daylight and pressing capacities of machines..

PUMA XL

CONTROLLER UNIT OPTIONS - Offline Softwares

Cybelec Modeva 15T - Switzerland

Delem DA 66T - 69T - Netherlands

Esa 560 - Italy

2 AXIS BACKGAUGE AS STANDARD - ALL BACK GAUGE CONFIGURATIONS

STANDARDLY MANUAL, OPTIONALLY MOTORIZED CROWNING

SPECIAL THROAT DEPTH OPTIONS

SPECIAL FRONT AND BACK GAUGE SOLUTIONS

EUROPEAN PUNCH AND VDIE

EUROSTAMP (Italy), WILA (Netherlands), and all other suppliers possibility

STANDARDLY, EUROPEAN TYPE PUNCH AND DIE HOLDER and all other solutions

SMART XL

CONTROLLER UNIT OPTIONS - Offline Software Options

Cybelec CybTouch 8 - 12 - Switzerland

Delem DA 52S - Netherlands

Esa 530 - Italy

1 AXIS STANDARD, SECOND AXIS AS OPTION

MANUAL and MOTORIZED CROWNING AS OPTION

SPECIAL THROAT DEPTH OPTIONS

HEAVY DUTY FRONT AND BACK SUPPORT

EUROPEAN PUNCH AND VDIE

EUROSTAMP (Italy), WILA (Netherlands), and all you desire

EUROPEAN TYPE PUNCH AND DIE HOLDER



BENDING SOLUTIONS

SERVO ELECTRICAL BRAKES

Dener CNC Servo Electrical Press Brakes are no-hydraulic, flexible, reliable and advance bending machines. Next generation machine idea combines green eco-friendly machines productivity, accuracy, flexibility and reliability. The new concept offers low power consumption, less maintenance, no hydraulic oil for operation.

Dener Elctrical Press Brakes come with advance CNC controllers, fast and accurate punch die clamping, multi axis back gauge system. Operators simply make perfect sheet metal parts with very low cost.

%100 Servo electrical drive system

Up to %50 energy saving

Up to %30 production efficiency

No hydraulic oil usage

Cheaper maintenance cost

2D CNC touch screen controller

Automatic programmable DFX and Solid 3D (optional)

CE finger safety with laser beam system for operator

DENER DD

0,001 repeatable Y - axis accuracy

Upper table drive with Planet Ball - Screw system

European type clamping system offers high accuracy bending

X-R axis back gauge system offers high accuracy bending

40 ton 130 cm

16 ton 50 cm

DENER DD - M

Servo upper table drive system with pulley and belt equipments

Ultra quiet working system

Full length working area

No need for crowning system in order to have high accuracy bending

Wila NSCL clamping system accomodate fast and easy clamping

Wila OB-I Die clamping system offers fast and easy operation

40 ton 1.5 m

50 ton 2 m

60 ton 2.5 m

100 ton 3 m

DD - BALL SCREW

DD-M - BELT AND PULLEY



X-R-Z1-Z2 axis back gauge system offers high accuracy bending

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SHEARING SOLUTIONS

SHEARS

AS - CNC GUILLOTINE

BS - NC SWING BEAM



DENER AS SERIES CNC GUILLOTINE SHEAR

CNC Controller provide high productive shearing machines (ESA 530 Numerical CNC Controller)

Dener shears are starting from 6 mm up to 20 mm thickness

Cutting length from 3 mt up to 6 mt

Motorized back gauge ha $\pm 0,1$ mm accuracy

Hold Down Pads for fixing of sheet during the cutting progress

Single point manuel blade gap adjustment

1000 mm motorized ball screw back gauge

Sheet support arms and squaring support - sheet slider table and back

Oil cooling and warming system

Light curtain and CE Confirmation with photocell system

DENER BS SERIES NC SWING BEAM SHEAR

Swing Beam shears are starting 6 mm up to 20 mm thickness

Cutting length from 2 m up to 6 m as a standards

According to demand higher capacity machines are available

Dener - HT 071 NC Controller for back gauge - program memory up to 99 programs with 20 steps

Motorized back gauge ha $\pm 0,1$ mm accuracy

Hold Down Pads for fixing of sheet during the cutting progress

Single point manuel blade gap adjustment

1000 mm motorized ball screw back gauge

Sheet support arms and squaring support - sheet slider table and back

Oil cooling and warming system



CUTTING SOLUTIONS

CNC FIBER LASER

A different and new approach to laser cutting machines

By hanging the Y on the X bridge built up on the top, a different than the conventional laser designs was applied. The design allows the Y bridge with the laser head on to be lighter and to work dynamically with high acceleration.



Efficiency and advantage of energy consumption

Through the X axis in which is the biggest servo motor, the Y axis mass being small and movement of X axis being performed with single motor has friction and reducer losses and lowered the energy consumption by approximately %35

Short installation duration and advantage to carry in a single container – 40' Open Top

meets such a design which competitive. Easy and cheap transportation.

Different and user friendly. It responds all customer needs with better price

Advantage of small placement area

Service and maintenance advantage

Sensitively calculated servo motor power

6 cells filtered vacuum system

Led lighting and air drying system

Time saving with economic options and equipments

1,5x3, 2x4 and 2x6 cutting tables

Corner burns and melting control

Cutting piece recognition detection and rotating system

Auto cutting part from a desired point in cases of alarm

Protection of cutting head



IPG Laser Unit and Chiller
ILC automatic Oiling System

6 Cell Vacuum
Fanuc Panel PC
IGUS Cable Chains



Precitec Pro Cutter Laser Head
Mitsubishi - Fanuc Servo Motors
Mitsubishi - Fanuc CNC Controllers

Rexroth and Atlanta Transfer System
SMC and Festo Gas and Pneumatic System
Donaldson cartridge, body by Dener Filter System



Vacuum Lifting Crane as option

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