

Whole welded structure

Designed by ANSYS finite element analysis software to ensure the reliability and the precision of the machine



STANDARD CONFIGURATION

E21 Controller

- Backgauge and ram stroke control
- Intelligent and unilateral positioning
- Work-piece counting function
- Holding/decompression time setting
- 40 programs stored, 25 steps per program
- One key back-up/restore of parameters



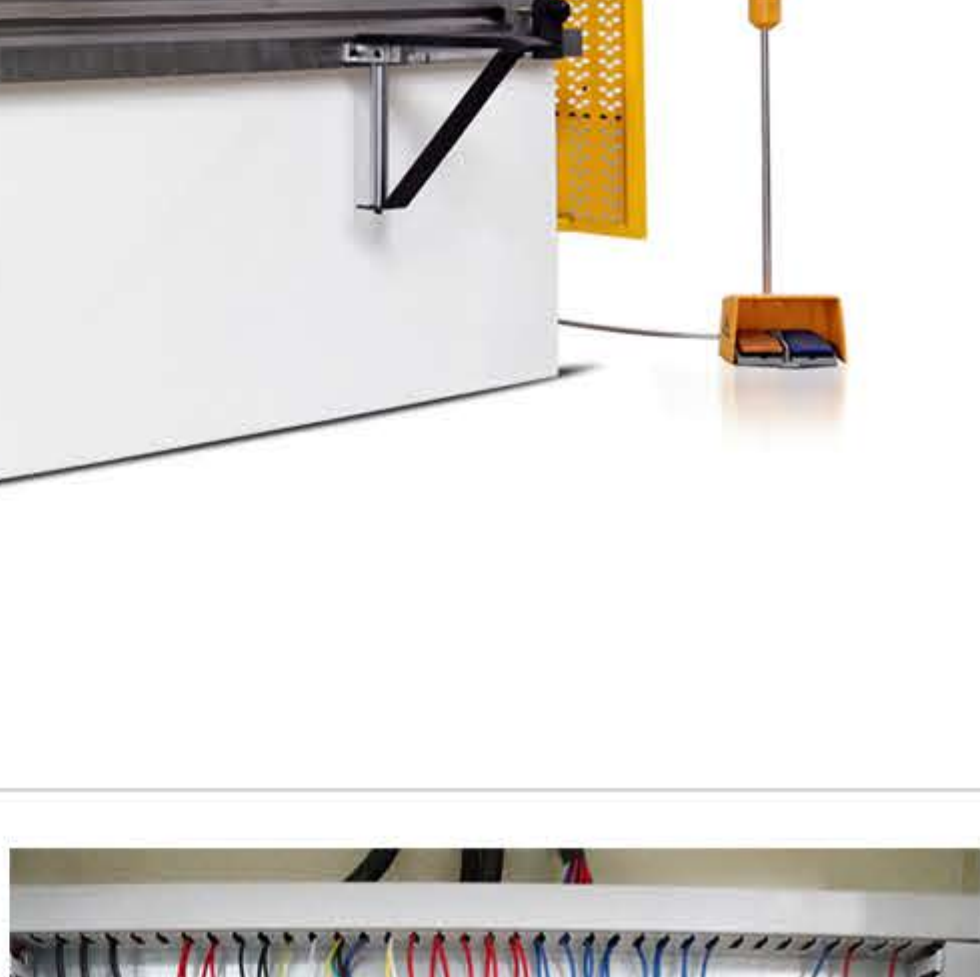
SIEMENS Motor

German famous brand motor improves the lifespan of the machine and keeps the machine working in low noise environment.



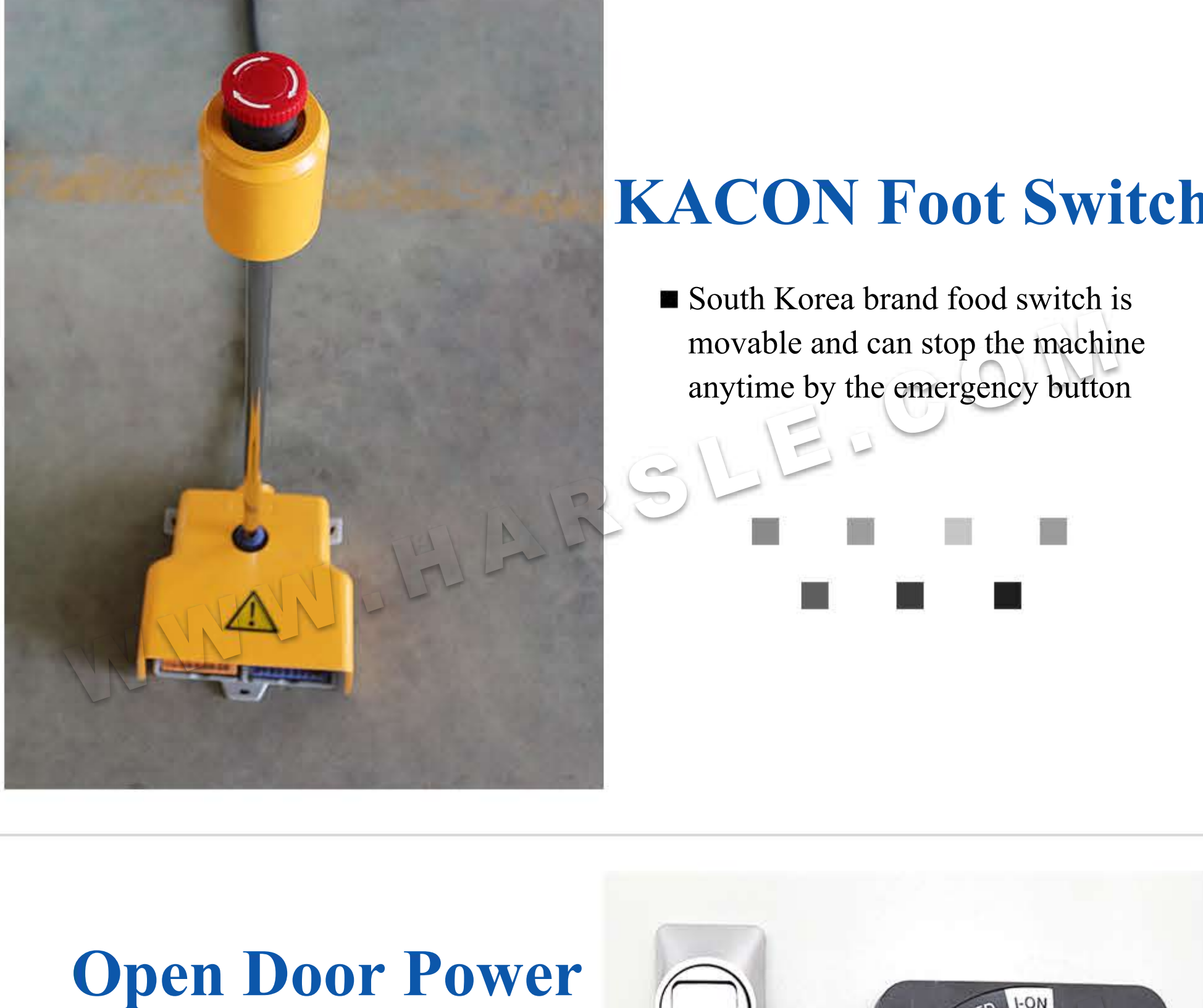
SUNNY Pump

- American world famous brand for hydraulic pump performs well and provides great power for the whole hydraulic system



SIDE / SHOW

X axis(Backgauge) and Y axis(Ram stroke or cylinder stroke) can be programmed by E21 system controller, which can store up to 40 groups of programs.



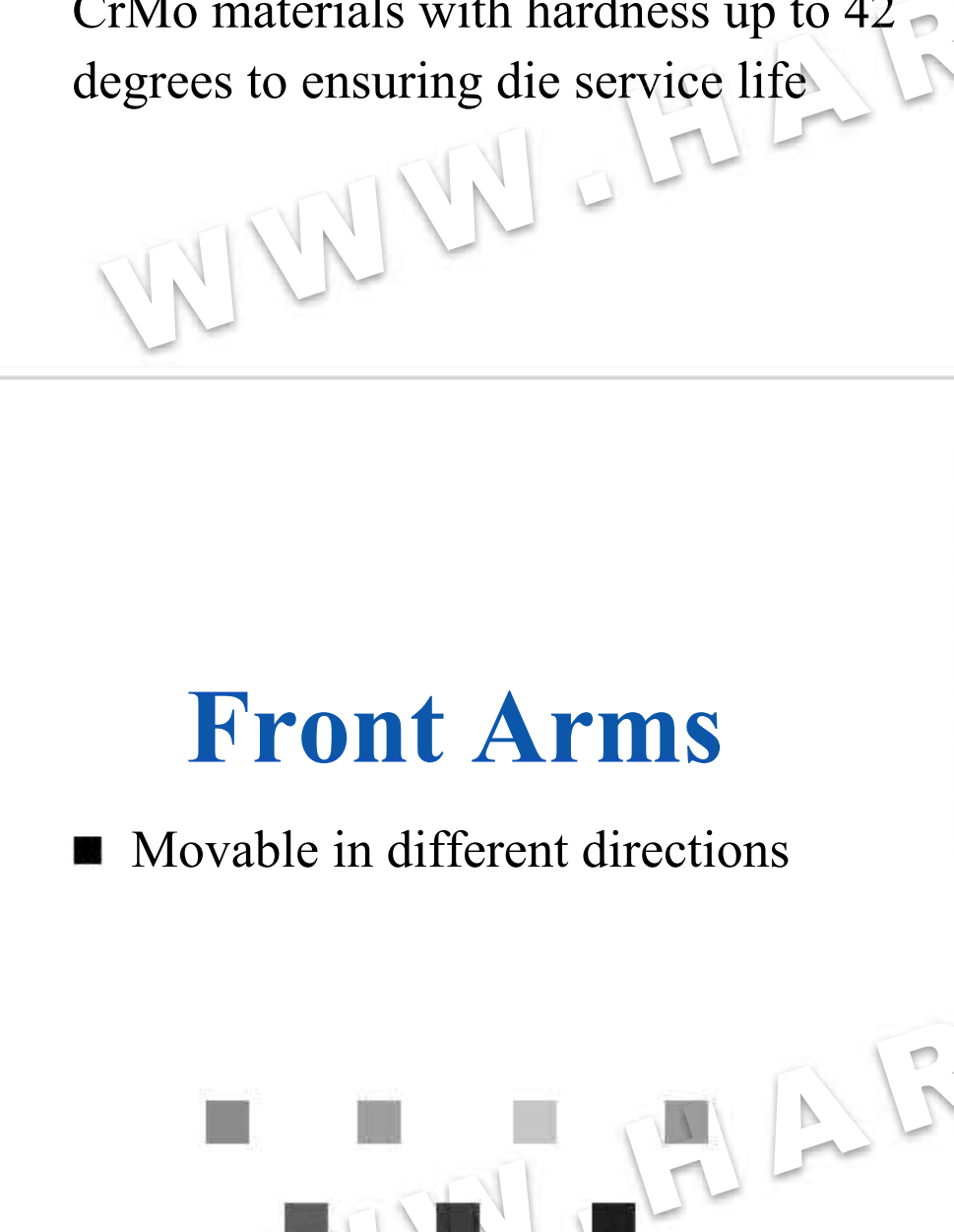
Schneider Electric Components

- High quality electric parts can perform well even the electricity is not stable and customers can easily get the replacement anywhere in the world



Frequency Inverter

- The motors for backgauge stroke are controlled by inverter, which can achieve high positioning accuracy of the backgauge



KACON Foot Switch

- South Korea brand foot switch is movable and can stop the machine anytime by the emergency button



Open Door Power off Switch

- The machine will stop immediately once worker opens the door electric cabinet.

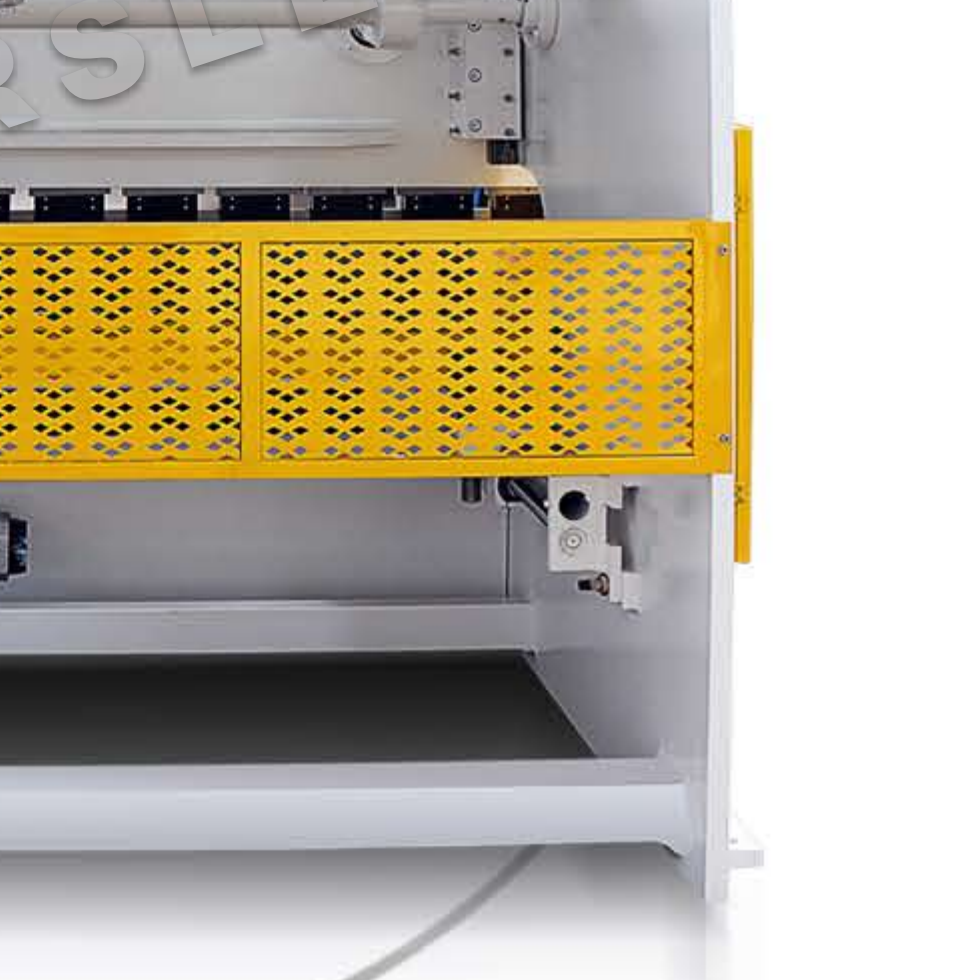


Mechanical Clamps

- Upper die is a kind of mechanical hook-type clamping, higher safety when exchanging dies

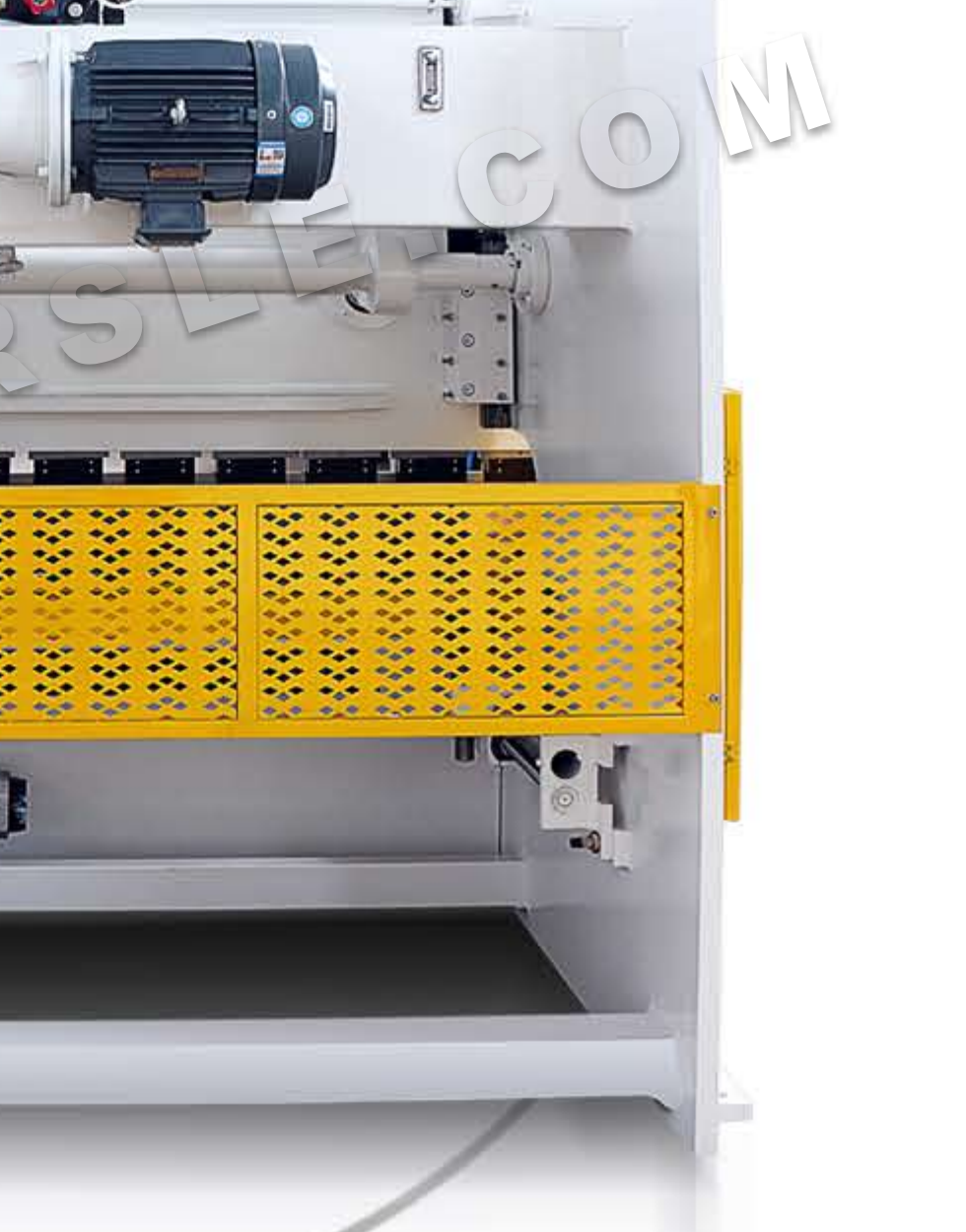
42CrMo Toolings

- Press Brake toolings are made from 42 CrMo materials with hardness up to 42 degrees to ensuring die service life



Front Arms

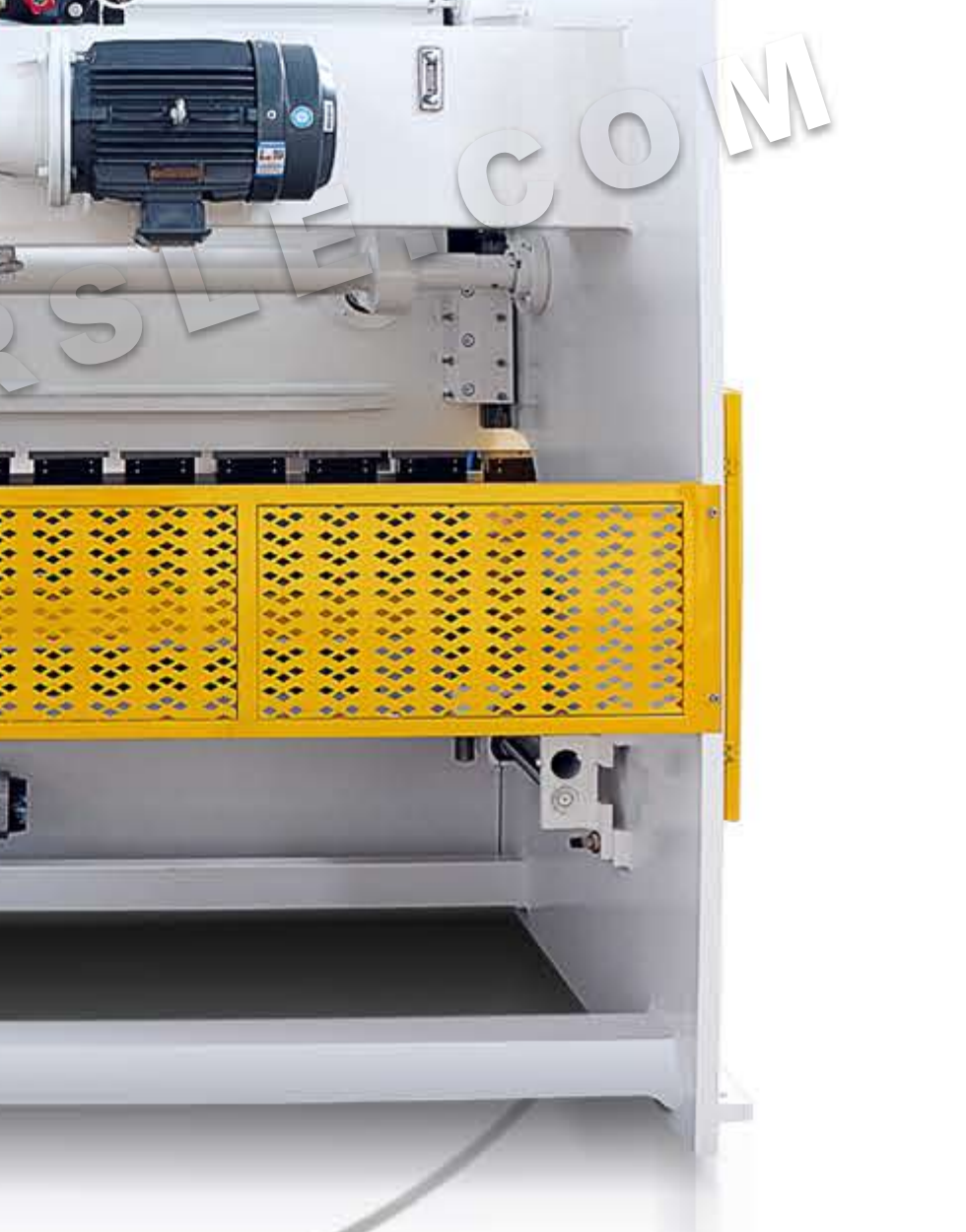
- Movable in different directions



Safety Fence

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Protective guards on each side can protect the user during operation



BACK / SHOW



■ Multi angle Preview



Manual R axis

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Adjust Backgauge up and down



HIWIN Ball Screw

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Polished rod and high precision ball screw can improve the accuracy of back gauge



Timing Belt

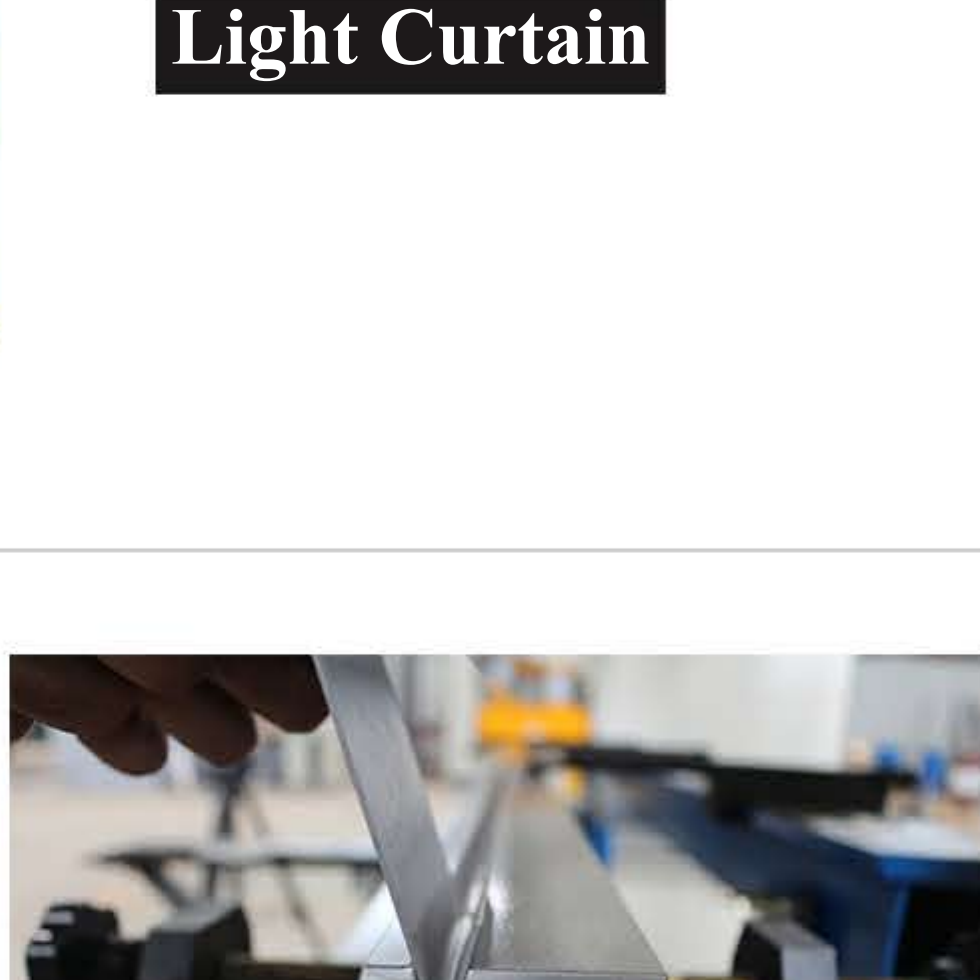
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Driven by AC motor, assure the synchronism of two ball screws.



Rexroth Valve

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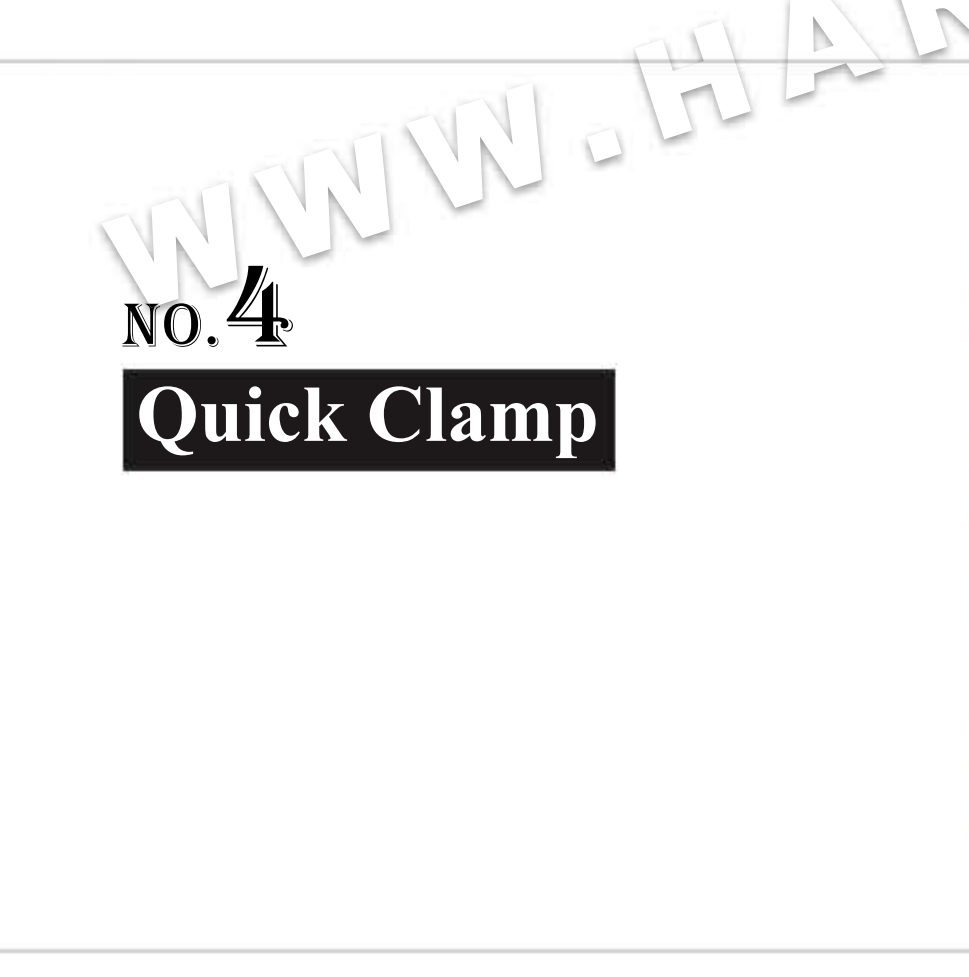


EMB Tubing Connector

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Good-looking structure and reduce the possibility of oil leakage.

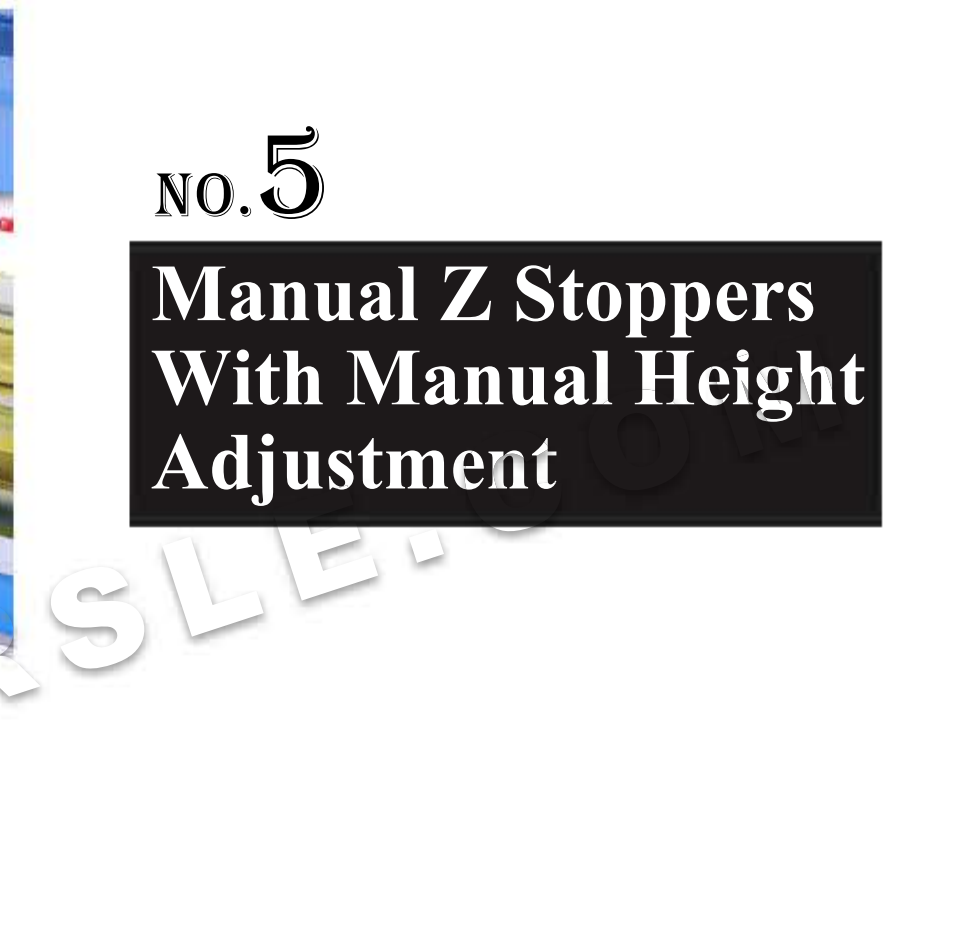
Optional Configuration



NO.1 Light Curtain



NO.2 Flatten Die



NO.3 Gooseneck Punch

NO.4 Quick Clamp

NO.5 Manual Z Stoppers With Manual Height Adjustment

NO.6 Manual Z Stoppers With Manual Height Adjustment