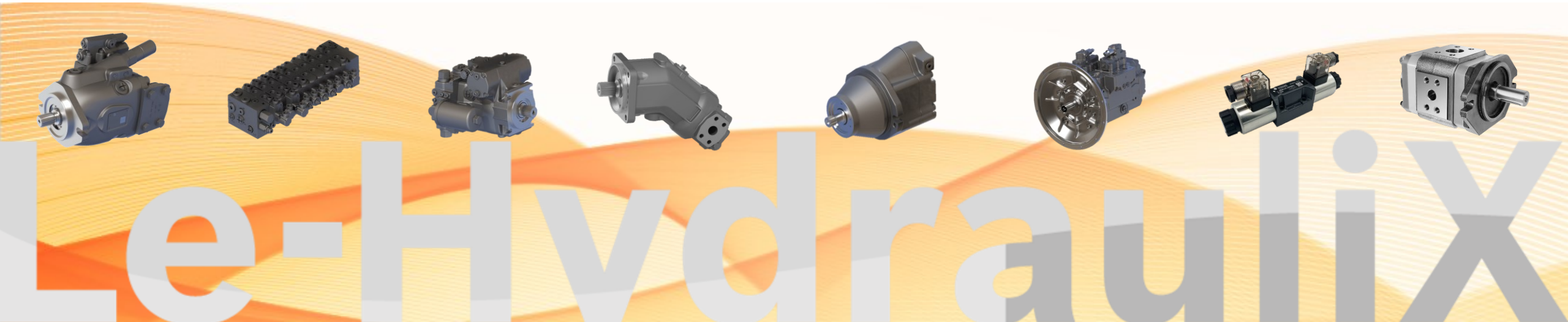
Le-HydrauliX

Le-HydrauliX

Product Applications



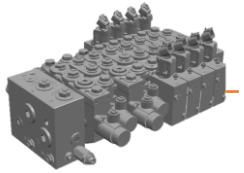
Mini Excavator Solution

1.0T – 10.0T crawler excavators

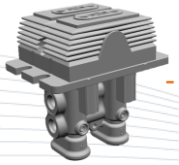
*Main Pump



*Main Control Valve



*Foot Pedal





Product Specifications			
Name	Type	Specification	Rated Pressure
Main Pump	LX10VO	28、45、65、72、85、115cc	28/32MPa
Main Control Valve	LX09/12/20	60、90、150、200Lpm	28/32/35MPa
Pedal Valve	LT01/02/03	Hydraulic control、Hydraulic control + Travel signal output、Electronic control	5MPa

Wheeled Excavator Solution

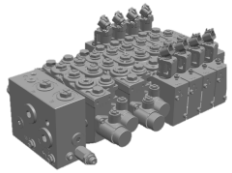
6T - 20T wheeled excavators



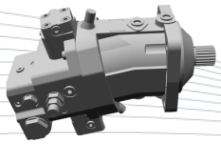
*Main Pump



*Main Control Valve



*Travel Motor

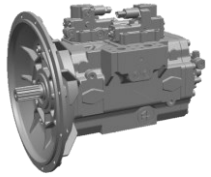


Product Specifications			
Name	Type	Specification	Rated Pressure
Main Pump	LX10VO	72、85、105cc	32MPa
Main Control Valve	LX12/20	60、90、150、200Lpm	28/32/35MPa
Travel Motor	LX26VM	80、107、160	40MPa

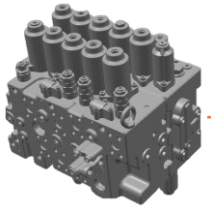
Standard Excavator Solution

20T - 30T crawler excavators

*Main Pump



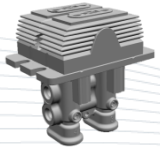
*Main Control Valve

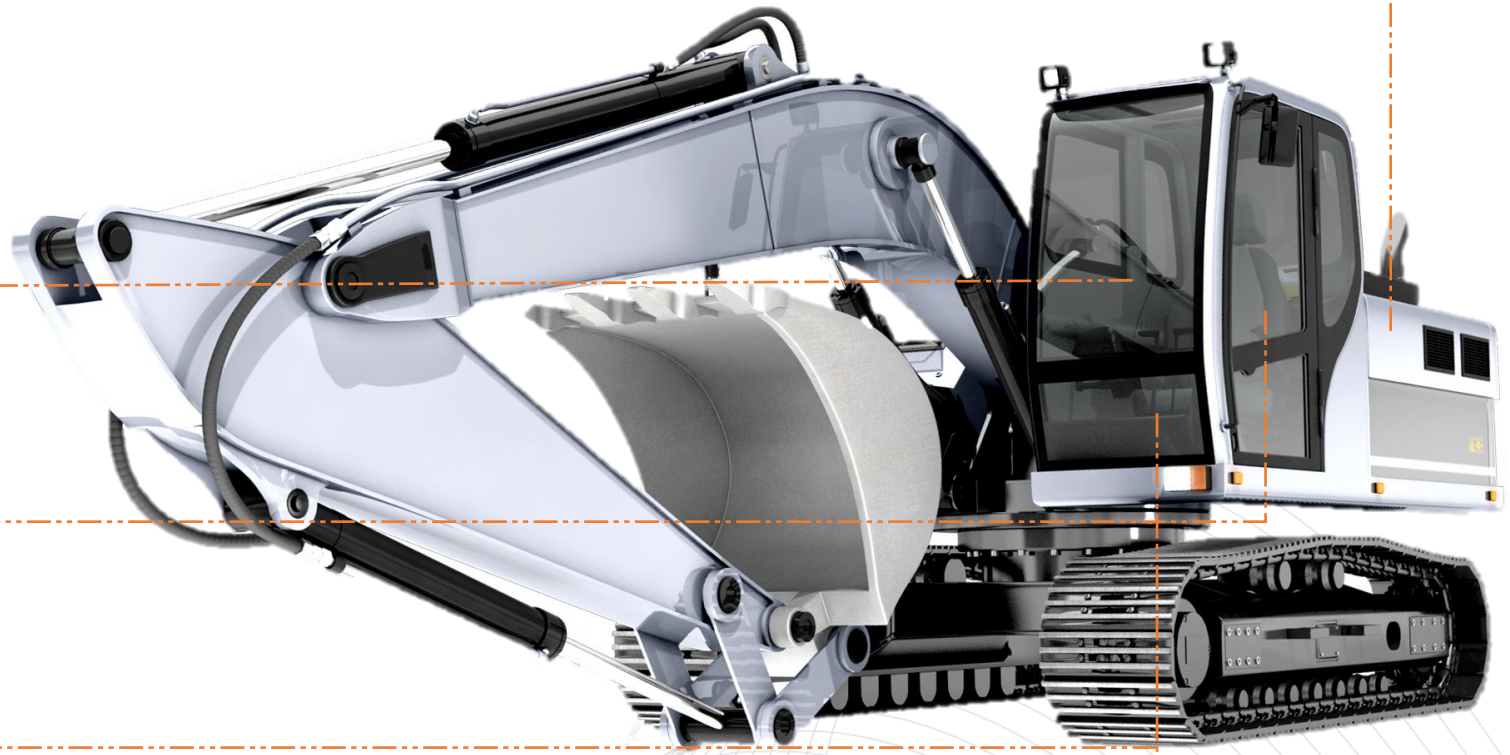


*Piolt control Valve



*Pedal Valve



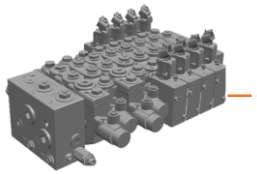


Product Specifications			
Name	Type	Specification	Rated Pressure
Main Pump	LX10VO	135cc	38MPa
Main Control Valve	LX28/30	2×300Lpm	34MPa
Handle Valve	YT01	Electronic control	/
Pedal Valve	LT01/02/03	Hydraulic control、Hydraulic control + Travel signal output、Electronic control	5MPa

*Main Pump



*Main Control Valve





Product Specifications			
Name	Type	Specification	Rated Pressure
Main Pump	LX10VO	72、85、115cc	32MPa
Main Control Valve	LX12/20	150、200Lpm	32/35MPa

*Main Control Valve



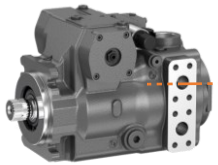


Product Specifications			
Name	Type	Specification	Rated Pressure
Main Control Valve	LX12PF	90Lpm	28MPa

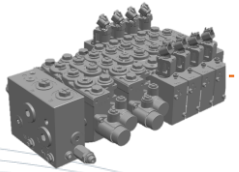
*Main Pump



*Main Pump



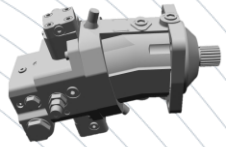
*Main Control Valve







*Travel Motor



*Travel Motor

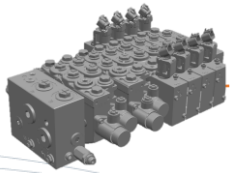
Product Specifications			
Name	Type	Specification	Rated Pressure
Main Pump	LX10VO	65、72、85、115cc	32MPa
	LX20VC	45、71、80、90、105cc	45MPa
Main Control Valve	LX09/12/20	60、90、150、200Lpm	28/32/35MPa
Travel Motor	LX22FM	56、63、80、90、107cc	42MPa
	LX26VM	80、107、160cc	40MPa

*Main Pump





*Main Control Valve





*Travel Motor

Product Specifications			
Name	Type	Specification	Rated Pressure
Main Pump	LX10VO	28、45	28MPa
Main Control Valve	LX09/12	60、90、150Lpm	28/32MPa
Travel Motor	LX21VE	38、45cc	30MPa

Mixer Solution

4 - 15 cubic meters cement mixer trucks

*Main Pump



*Motor





Product Details			
Name	Model	Specification	Rated Pressure
Main Pump	LX20VC	45、71、80、90、105cc	38MPA
Motor	LX22FM	56、63、80、90、107、125cc	42MPA

Aerial Work Platform Solution

wheeled chassis-driven aerial work platforms

*Main Pump



*Travel Pump



*Main Control Valve



*Travel Motor





Product Details			
Name	Model	Specification	Rated Pressure
Travel Pump	LX20VC	45cc	35MPA
Motor	LX21VE	38、45cc	30MPA
Working pump	LX10VO	28、45cc	28Mpa
Main valve	LX..EX	LX09、LX12	31.5Mpa

* Pumping control valve



* Main pump 1

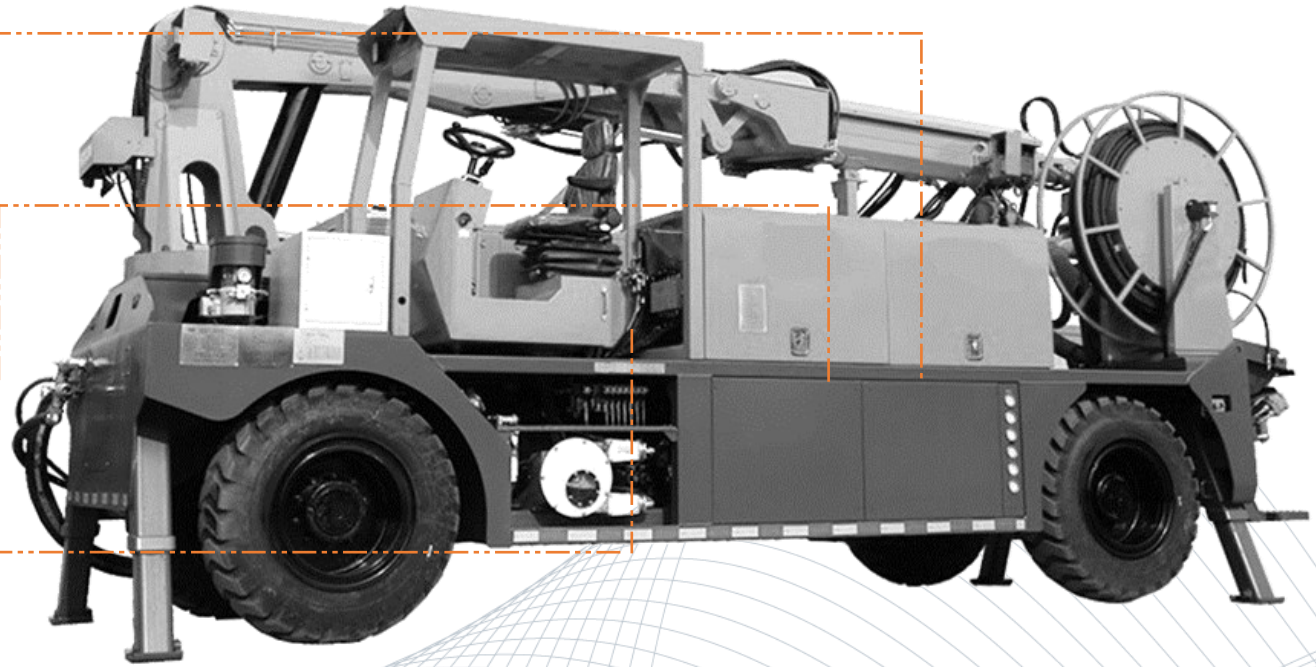


* Main pump 2



*Vehicle body control valve





Product Details			
Name	Model	Specification	Rated Pressure
Main Pump **1**	LX11VO	115、145cc	40MPA
Main Pump **2**	LX10VO	28、45、72cc	28MPA
Pumping control valve	4WEH	4WEH25、4WEH32	31.5Mpa
Vehicle body control valve	LX..EX	LX09、LX12	31.5Mpa

Dust Suppression Cannon Truck Solution

dust suppression cannon trucks

*Main pump



*Motor





Product Details			
Name	Model	Specification	Rated Pressure
Main Pump	LX20VC	45、71、80、90、105cc	38MPA
Motor	LX22FM	56、63、80、90、107、125cc	42MPA

*Main pump of the blower



*Main motor of the blower



*Working pump



*Main valve





Product Details			
Name	Model	Specification	Rated Pressure
Main pump of the blower	LX20VC	71、80、90、105cc	42MPA
Main motor of the blower	LX22FM	56、63、80、90、107、125cc	42MPA
Working pump	LX10VO	65、72、85cc	28Mpa
Main valve	LX..EX	LX09、LX12	31.5Mpa

* Integrated valves



*Main pump



*Motor





Product Details			
Name	Model	Specification	Rated Pressure
Motor	LX22FM	28、32cc	42MPA
Main pump	LX10VO	28、45、65、72、85cc	28Mpa
Integrated valves	---	NG6...	31.5Mpa

Harvester Solution

2WD 12-25T chassis-driven wheeled harvesters

*Main pump

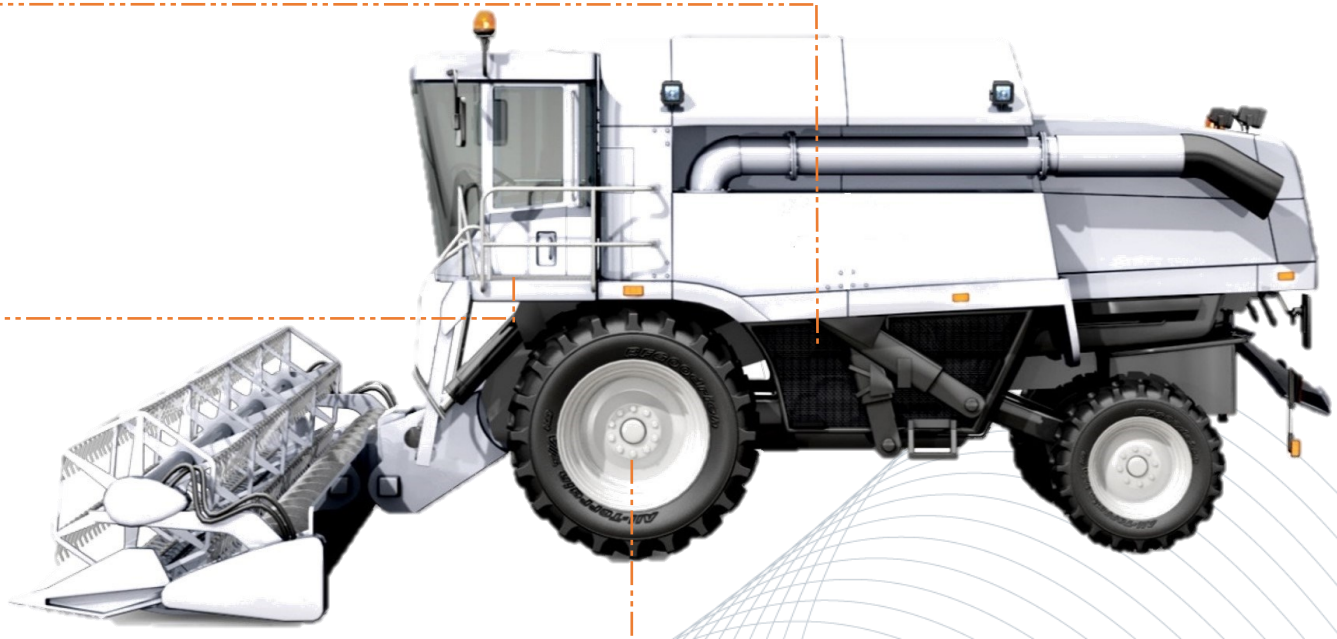


*Main valve



*Travel motor





Product Details			
Name	Model	Specification	Rated Pressure
Main Pump	LX20VC	45、71、80、90、105cc	42MPA
Travel Motor	LX22FM	56、63、80、90、107、125cc	43MPA
Main valve	LX06AG	60Lpm	31.5MPA

Harvester Solution

4WD 12-25T chassis-driven wheeled harvesters

*Sensor



* Main pump



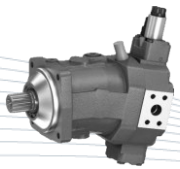
*Controller

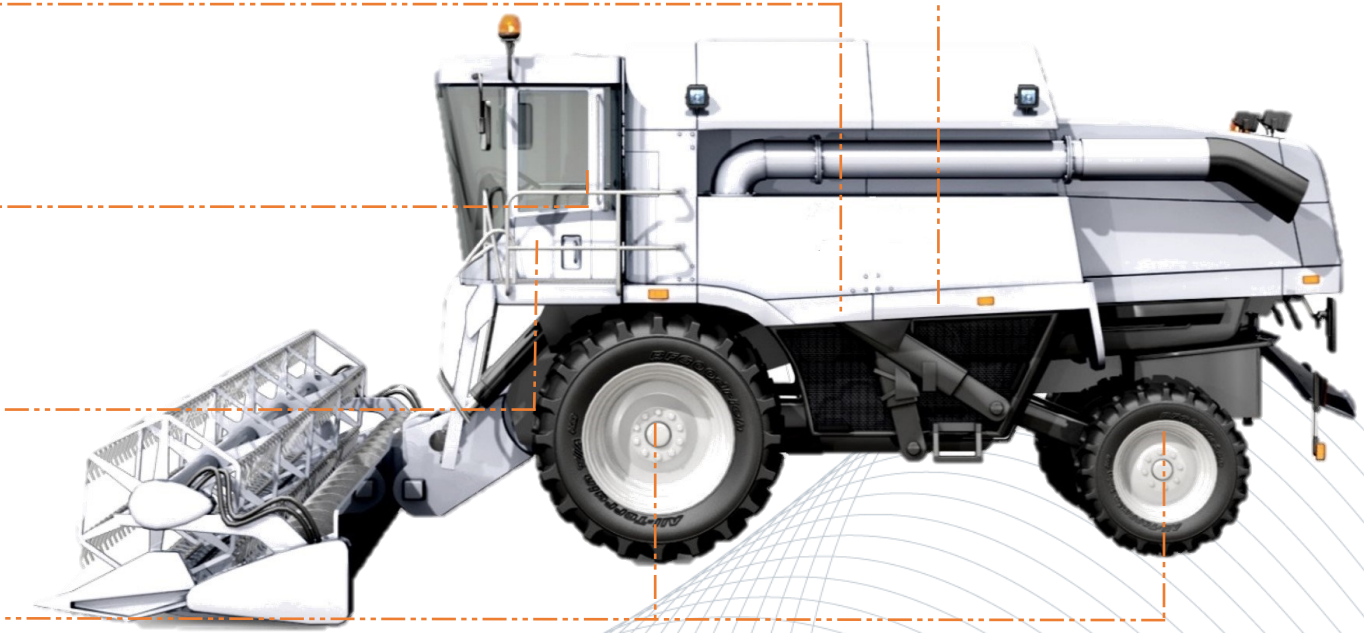


* Main valve



* Travel motor





Product Details			
Name	Model	Specification	Rated Pressure
Main Pump	LX20VC	45、71、80、90、105cc	42MPA
Travel Motor	LX26VM	56、63、80、90、107、125cc	43MPA
Main valve	LX06AG	60Lpm	31.5MPA
Controller	RC	RC12-10/RC28-14	---
Pressure sensor	PR4	0-600Bar	
Temperature sensor	TSF	−40 ... +150 °C	

Tractor Solution

Differential steering solution for small crawler tractors

Solution 1

*Main pump 2



*Main Valve



*Motor



Solution 2

*Main pump 1

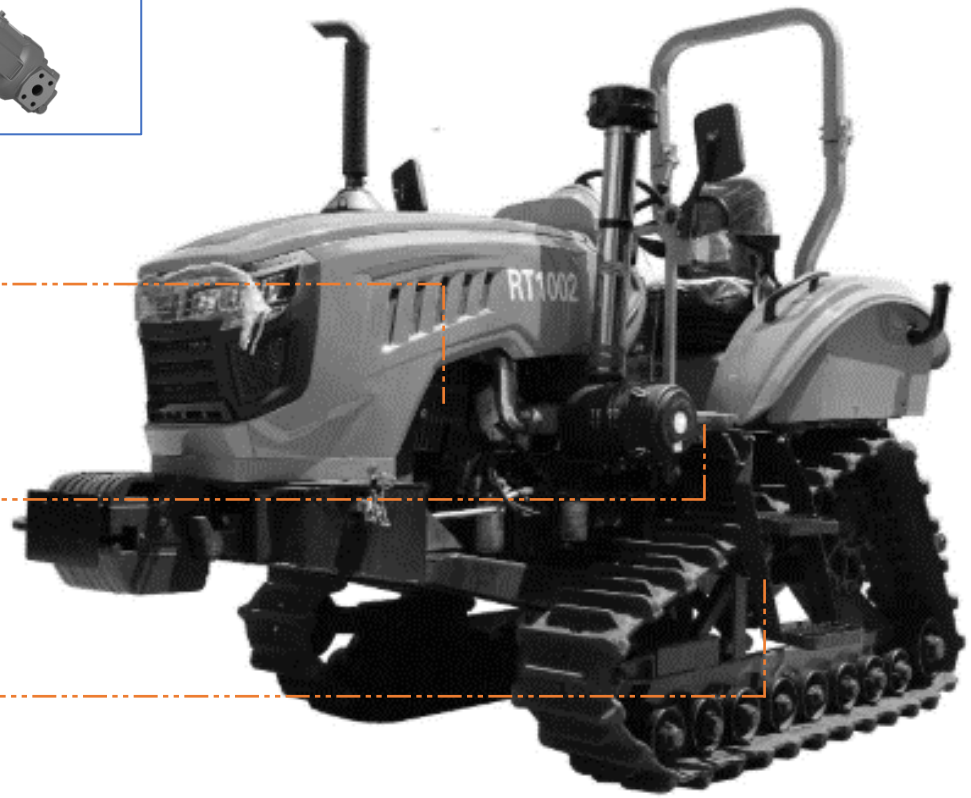


* Integrated valves



*Motor





Product Details				
Solution 1	Name	Model	Specification	Rated Pressure
	Main pump 1	LX20VC	45cc	30MPA
	Motor	LX22FM	28、32cc	42MPA
	Integrated valves	---	4WEH16	28Mpa
Solution 2	Main pump 2	LX10VO	28、45cc	28Mpa
	Motor	LX22FM	28、32cc	42MPA
	Main valve	LX..EX	LX09	31.5Mpa

Plastic Machinery Industry

injection molding machine

Demolding/neutron valve

- **4WE****
  directional valve



- **Z1S**/MC****
  check valve



Injection/storage valve

- **4WEH****
  directional valve



- **BG****
  pressure relief valve



- **DBEM****
  proportional relief valve



Mold opening and closing valve

- **4WE****
  directional valve



- **Z1S**/MC****
  check valve

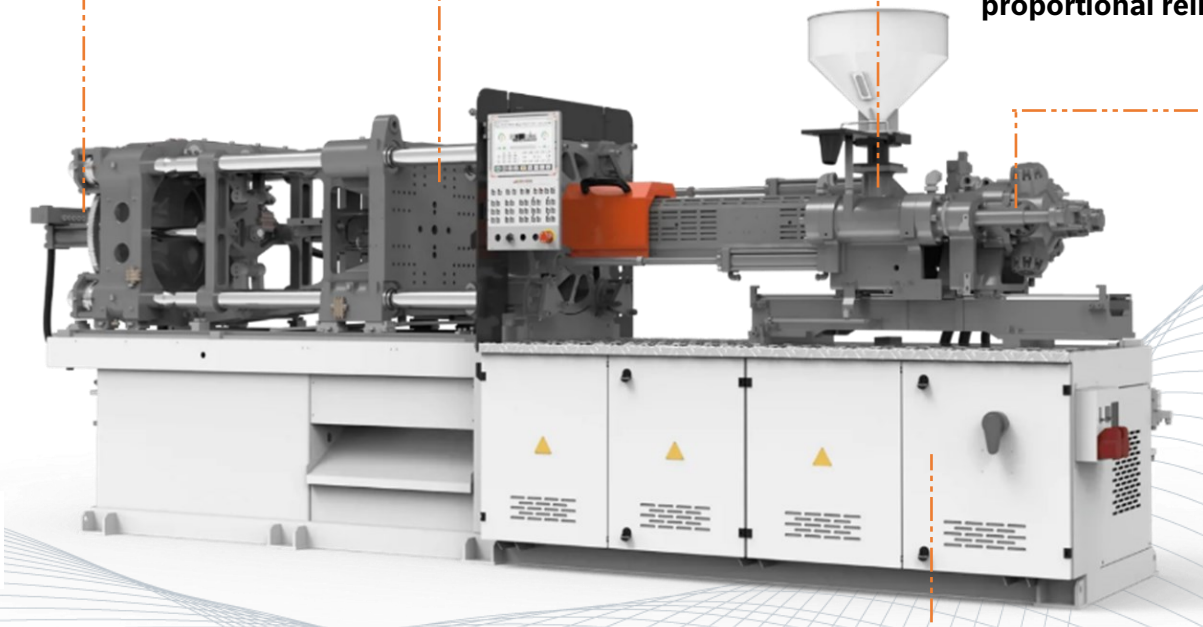


- **4WEH****
  directional valve



- **4WKE****
  proportional directional valve





Injection shift valve

- **4WE****
  directional valve



- **Z1S**/MC****
  check valve



- **Z2S**/MP****
  check valve

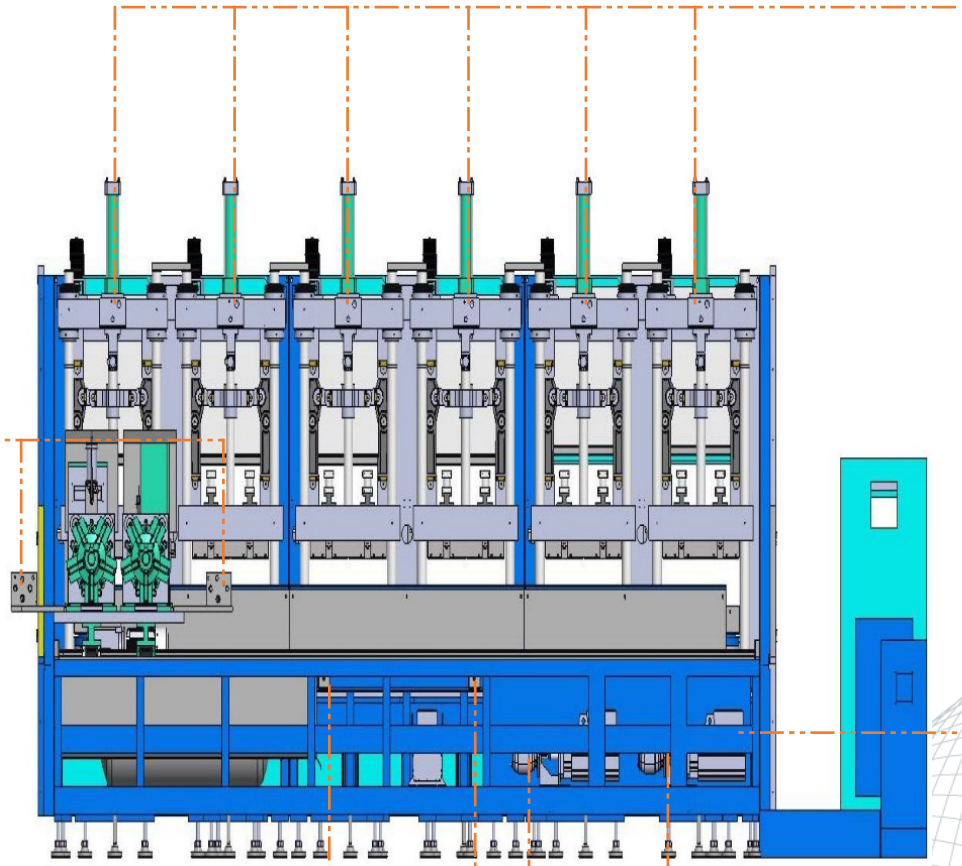


IGP



Shoe Machine Industry

shoe machine (EVA foaming machine)



Mold opening and closing valve

- 4WE**
  directional valve



- 4WEH**
  directional valve



- CPDG
  plate type one-way valve



Injection/storage valve

- 4WE**
  directional valve



- Z1S**/MC**
  check valve



- Z2S**/MP**
  check valve



- 4WEH**
  directional valve

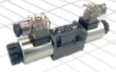


- DBW**
  pressure relief valve



Balance cylinder valve

- 4WE*
  directional valve

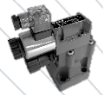


- Z2S**/MP**
  check valve



Protection valve

- DBW**
  pressure relief valve



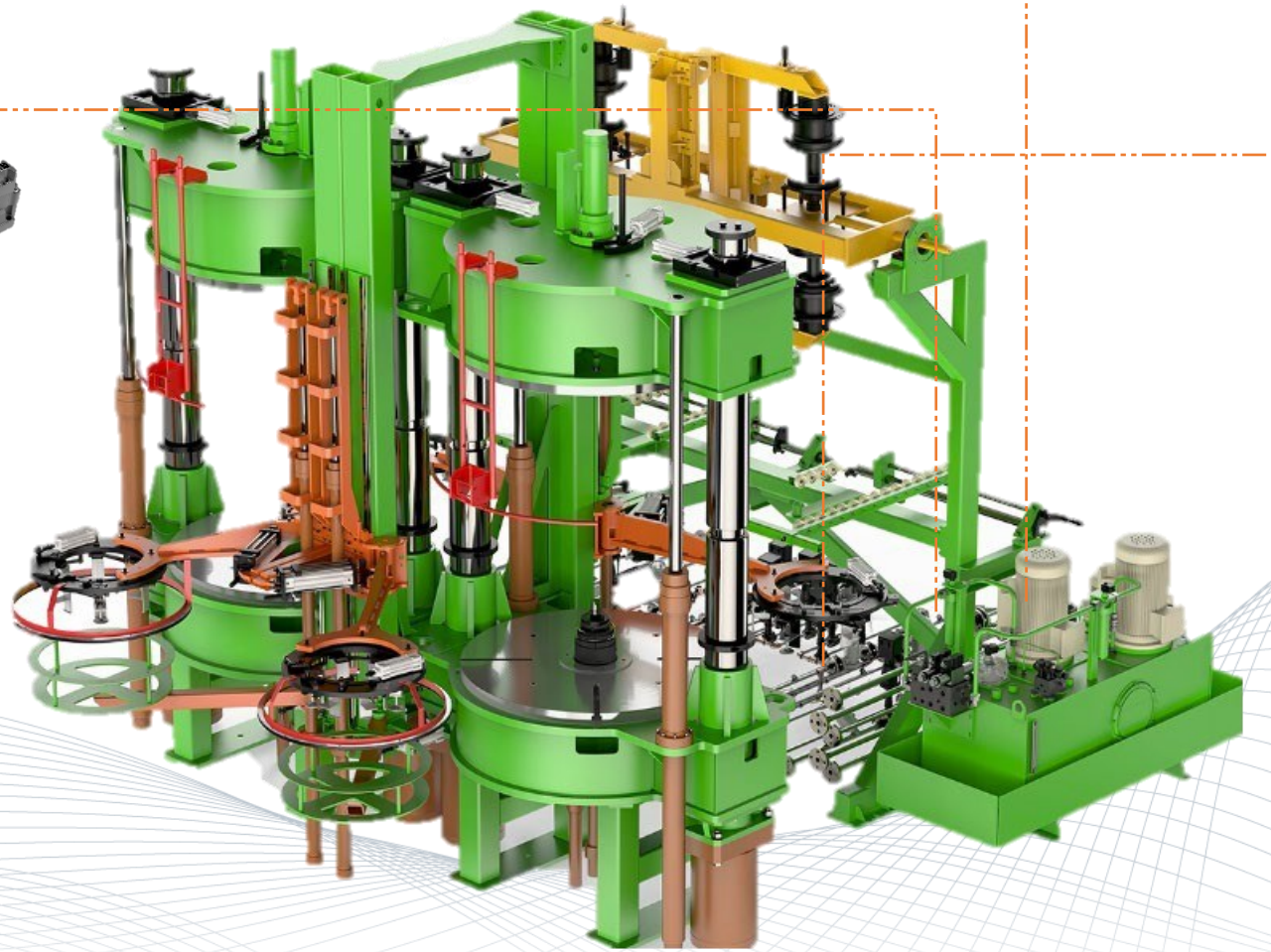
IGP



Protection valve

- DBW**
  pressure relief valve





IGP



Action control valve

- 4WE**
  directional valve



- Z1S**/MC**
  check valve



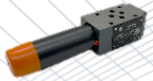
- Z2S**/MP**
  check valve



- Z2FS**/MS**
  check valve



- ZDR**/MR**
- check valve

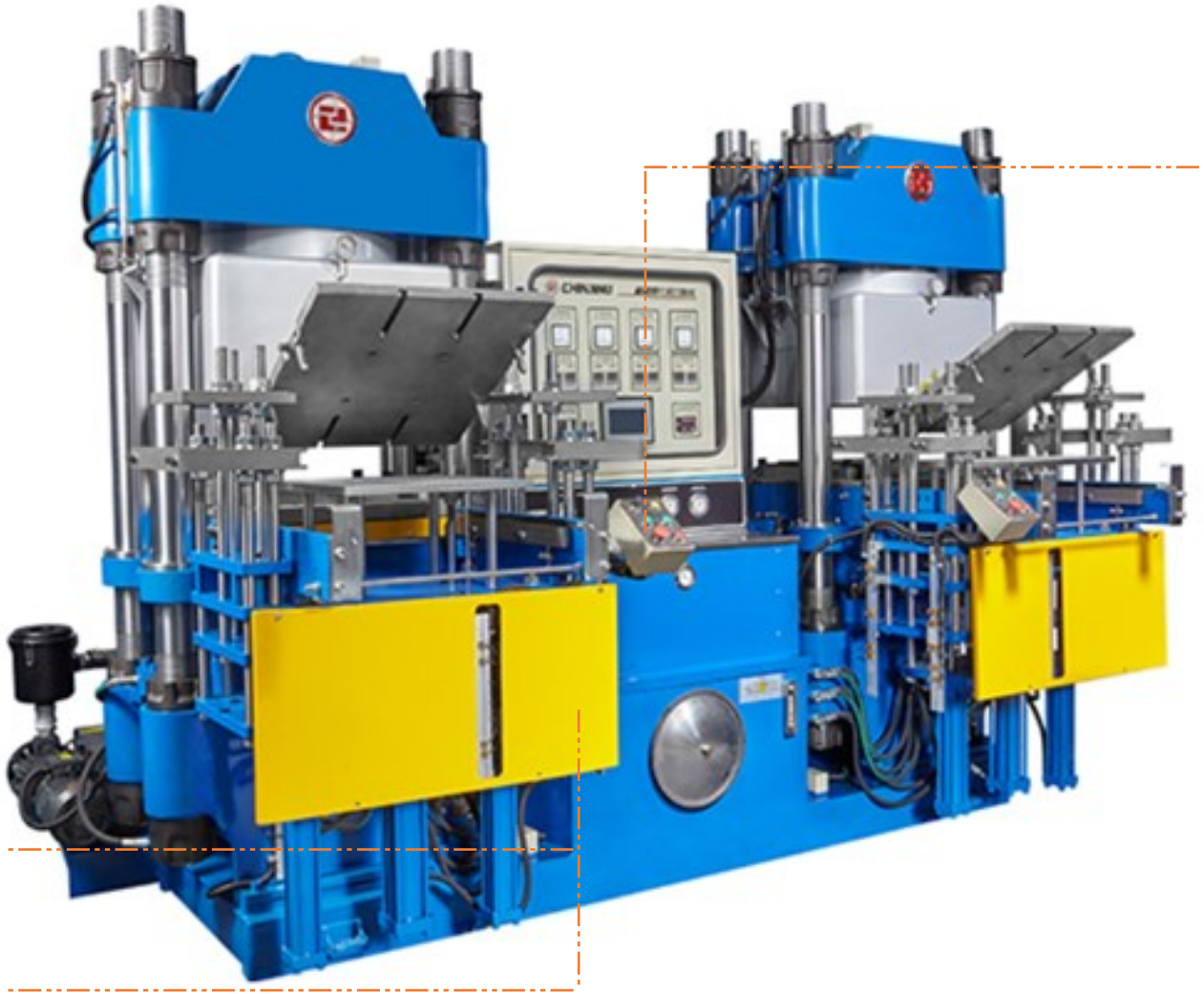


- 4WEH**
  directional valve



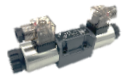
Vulcanizing Machine Industry

flat plate vulcanizing machine



Action control valve

- **4WE****
  directional valve



- **Z1S**/MC****
  check valve



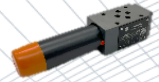
- **Z2S**/MP****
  check valve



- Z2FS**/MS**
  check valve



- ZDR**/MR**
- check valve



- 4WEH**
  directional valve



IGP



Protection valve

- **DBW****
  pressure relief valve



forming press machine

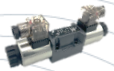


IGP tandem pump



Action control valve

- **4WE****
  directional valve



- 4WEH**
  directional valve

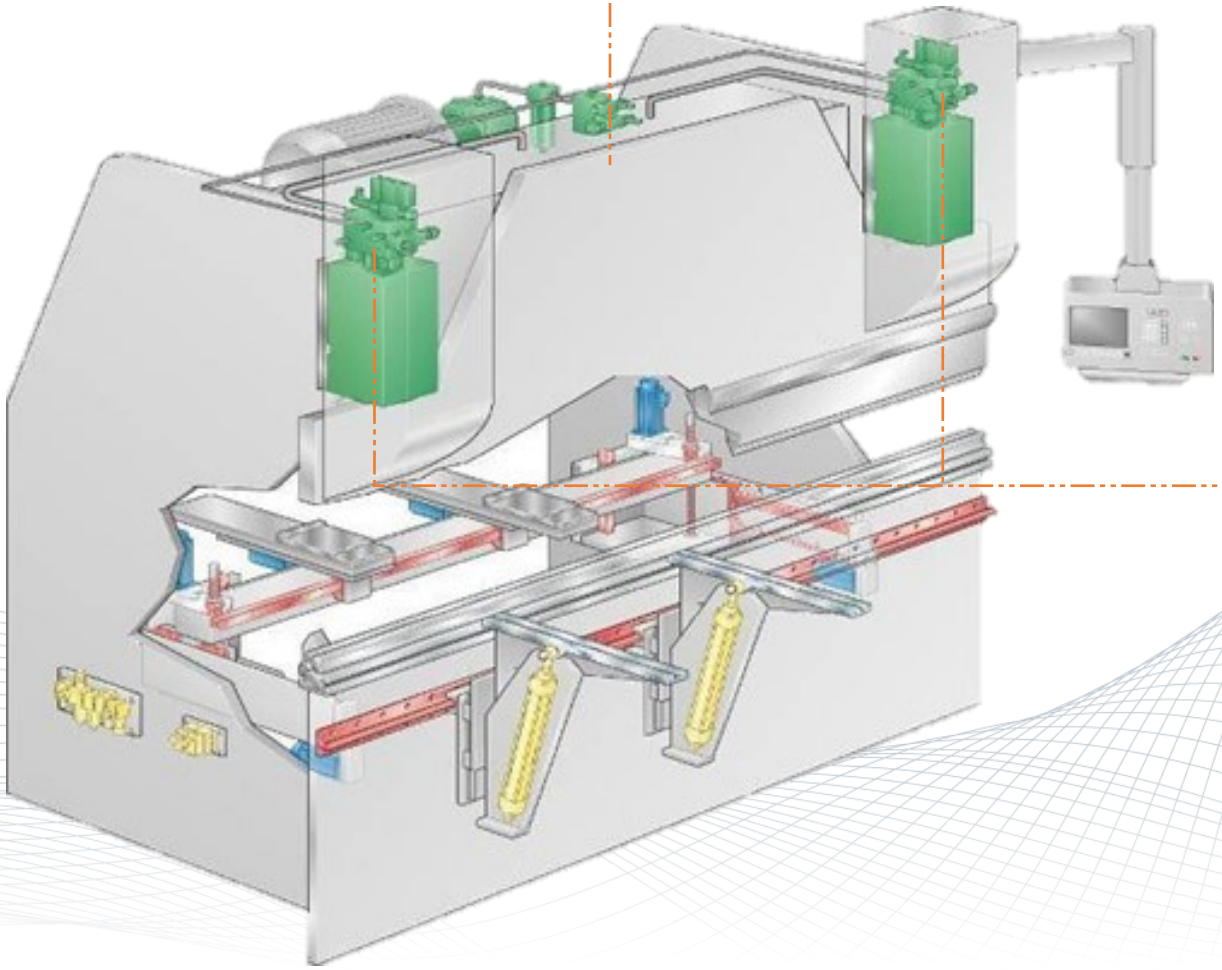


- Z2S
  check valve



- **DBW****
  pressure relief valve



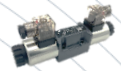


IGP



Action control valve

- 4WE**
  directional valve

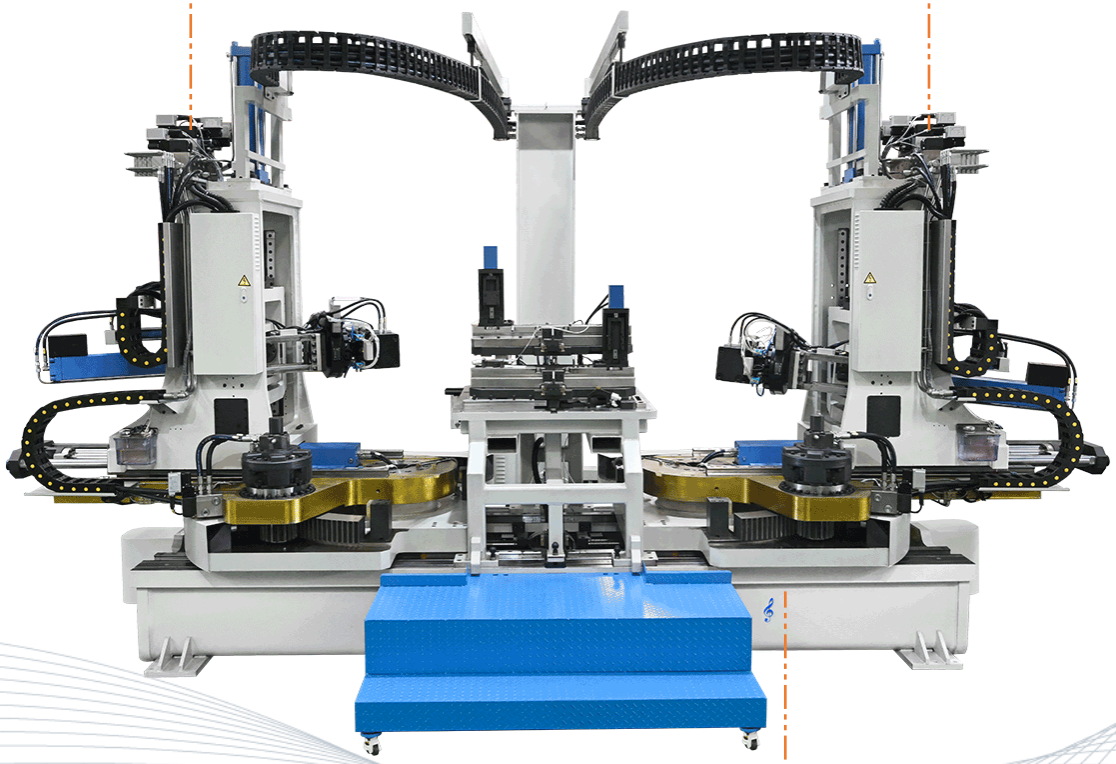


- Z2S
  check valve



Metallurgy & Metal forming

stretch bending machine



Action control valve

- **4WE****
  directional valve



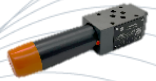
- **Z2S**/MP****
  check valve



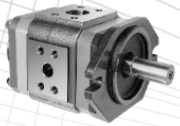
- Z2FS**/MS**
  check valve



- ZDR**/MR**
- check valve

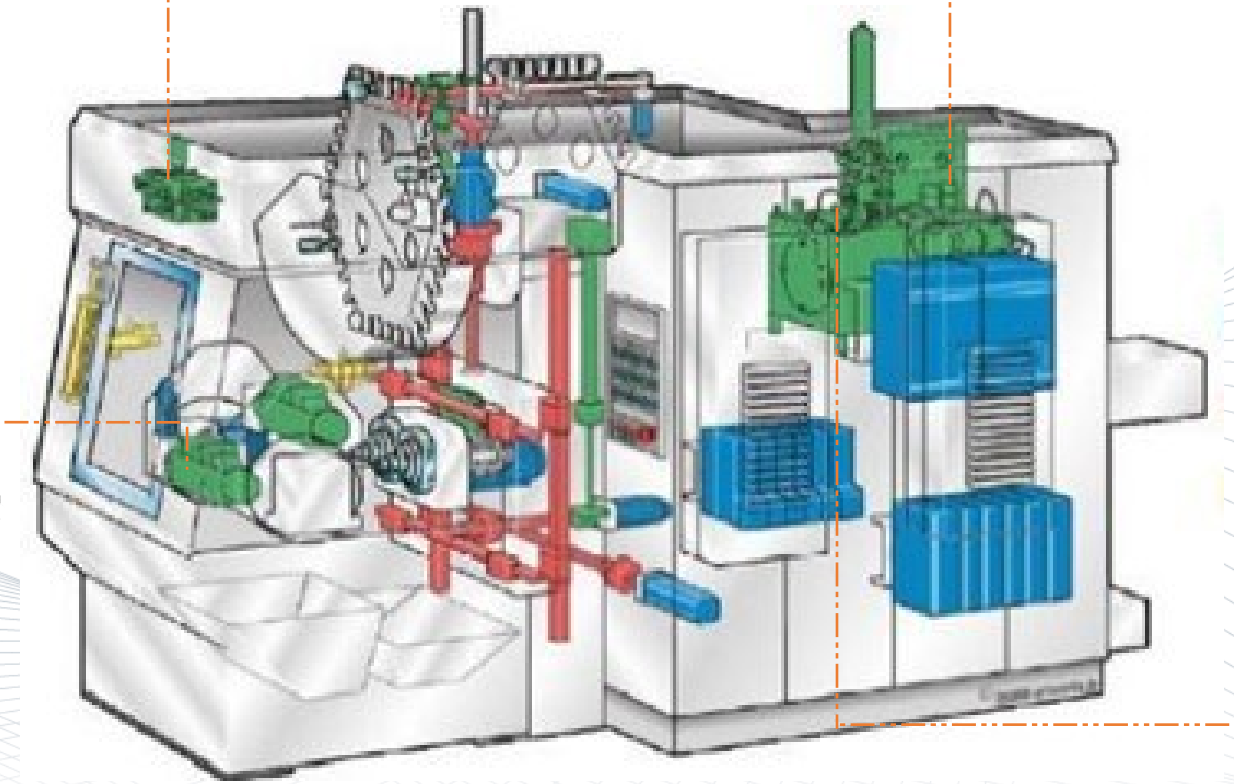


IGP



Cutting and folding industry

cutting machine tool



Action control valve

- 4WE**
  directional valve



- Z1S**/MC**
  check valve



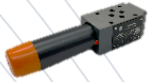
- Z2S**/MP**
  check valve



- Z2FS**/MS**
  check valve

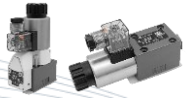


- ZDR**/MR**
- check valve

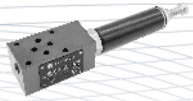


Hydraulic fixture

- M-SEW/D**
  solenoid directional ball valve



- MCDK**
  pressure reducing valve



Motor V-pump

