

# RECYCLING

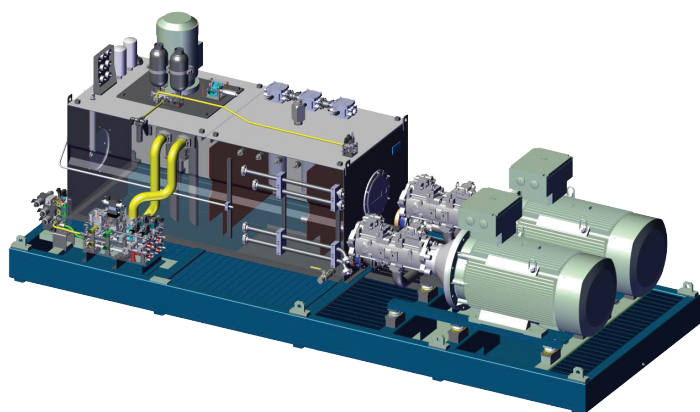


## Applications

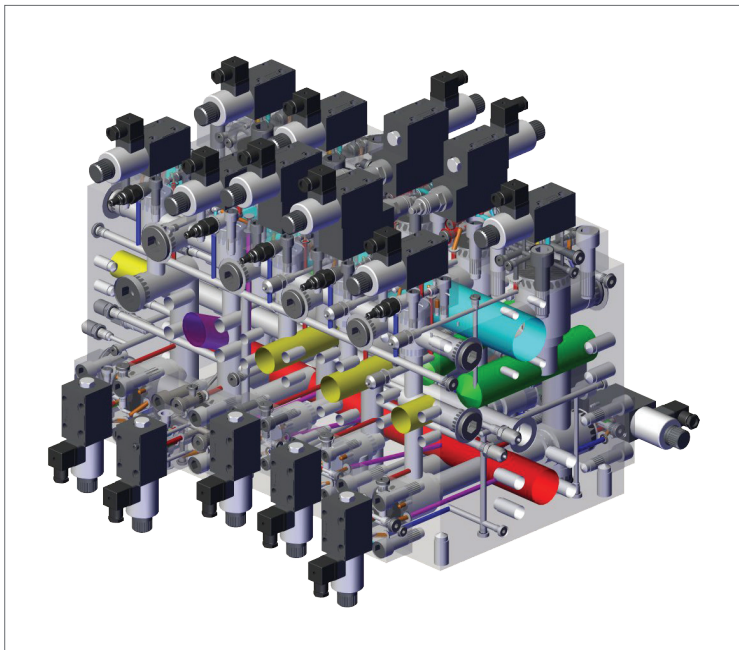
- Press
- Compactor
- Shredder
- Shaft Grinder
- Mill
- Shears Press
- Coil Press Binder
- Extractor Centrifuge

## Services

- Manifold, HPU (Hydraulic Power Unit) and Integrated System full engineering
- Fluid dynamics simulation
- Structural calculation
- Deep analysis and check of every single system parameter with specific and official report release
- Final operational test of the whole system
- World Wide commissioning with high level expertise technicians
- Rigid and flexible piping and on-site full assistance
- 40 years-experience in the hydraulic field and a very passionate team of engineers and technicians who work every day close to our customers



## Key Components



- High-Low Pressure switches
- High Flow Cartridge Valves
- High Performance Air/Oil Heat Exchangers
- Manifold with up to 1m long drilled holes
- High Capacity Accumulators

## Expertise

<b>Power:</b>	up to 640 kW [860 hp]
<b>Flow rate:</b>	up to 6.000 l/min [1590 gpm]
<b>Pressure:</b>	up to 420 bar [6000 psi]
<b>Temperature:</b>	-40 °C +60 °C [-40 °F +140 °F]
<b>Certifications:</b>	according to: SIL, PED requirements
<b>Process Control:</b>	WPS, PQR, NDT, mechanical stress and wearing tests
<b>Engineering international standards:</b>	UNI EN ISO 13849, ASME, EU Directives rules and specifications IEC61508, IEC61511
<b>Painting:</b>	based on customer specifications
<b>Surface treatments:</b>	galvanization, phosphating, electrolytic protections, nitrocarburizing, stainless steel surface finishing
<b>Materials:</b>	steel, cast iron, ergal