

Our network of global OEM's and trading partners are specialized in Engines, Equipment & Spare Parts for various industrial applications:
> anything not listed please enquire

Engines, Equipment & Spare Parts

- air compressors
- bearings (upper & lower plain bearing, main & con rod bearing, spherical bearing for rotating piston,etc)
- belts
- crankshafts (for engines like Sulzer 6 ZL 40/48, 12 ZV 40/48, 16 ZV 40/48, 8 ZAL 40 S, 16 ZAV 40S; Vasa 22, Vasa 32 SWD 6 TM 410, DRO 218 K9, 9 TM 410 and others on request)
- cylinder liners (full range for the main and auxiliary engine)
- detectors
- flow meter systems
- oil / water coolers
- piston rings (10 to 700 mm)
- sensors
- ball mill
- bin vibrators
- boiler cartridges
- coupling assemblies
- distributor block
- gas alert systems
- oil flow transmitter
- pistons (55 to 700 mm)
- ultrasonic thickness gauges
- filter elements/ filter
- gearboxes
- peak pressure indicators
- plate heat exchangers
- valves
- flanges
- gen-sets
- pumps for all kind of application & media
- water treatment
- fuel injection systems
- heat exchanger
- peristaltic pumps
- welding gensets

Rock & ground drilling tools incl. rotary drill tools for drift & tunneling, reaming, bench & production drilling

- drill bits:
 - tread 38 mm – 55 / 60 / 64 / 70 / 76 / 89 mm diameter
 - tread 38 mm – 60 / 64 / 70 / 76 / 89 mm diameter
 - tread 45 mm – 70 / 76 / 83 / 89 / 102 mm diameter
 - tread 51 mm – 83 / 89 / 102 / 115 / 127 mm diameter
 - tread 58 mm – 92 / 102 / 115 / 127 mm diameter
 - tread 68 mm – 102 / 115 / 127 mm diameter
 - rods:
 - bit tread 45 mm – 1525 / 1830 / 3050 / 3660 / 4265 / 6095 mm length
 - bit tread 51 mm – 1525 / 1830 / 3660 / 4265 / 6095 mm length
 - bit tread 32 mm – 915 / 1220 / 1525 / 1830 / 3050 / 3660 mm length
 - bit tread 38 mm – 1220 / 1525 / 1830 / 3050 / 3660 / 4265 mm length
 - bit tread 60 mm – 3660 / 4265 / 6095 mm length
 - bit tread 38 mm – 3050 / 3660 mm length
 - bit tread 45 mm – 3050 / 3660 / 4265 mm length
 - bit tread 32 mm – 915 / 1220 / 1525 / 1830 / 3050 / 3660 mm length
 - reaming adapter:
 - R32 / R32 – in 1 & 2 flushing
 - R35 / R35 – in 1 & 2 flushing
 - reaming chisels:
 - super dome
 - reamers: super dome or ballistic
 - couplings:
 - bit tread 38 mm – coupling sleeve C38
 - bit tread 38 mm
 - bit tread 38 mm
 - bit tread 45 mm
 - bit tread 51 mm
- standard body
 - retract body
 - standard or retract body
 - standard or retract body
 - retract body
 - standard body
 - RND46 mm diameter
 - RND52 mm diameter
 - RND32 mm diameter
 - RND39 mm diameter
 - RG60 mm diameter
 - RND39 mm diameter
 - RND46 mm diameter
 - RND32 mm diameter
 - super or ballistic dome
 - super or ballistic dome
 - super or ballistic dome
 - super or ballistic dome
 - super or ballistic dome
 - super or ballistic dome
 - tread (a) C45 (b) C45
 - tread (a) C51 (b) C51
 - tread (a) R32 (b) R32
 - tread (a) C38 (b) C38
 - tread (a) RG60 (b) RG60
 - tread (a) C38 (b) C38
 - tread (a) C45 (b) C45
 - tread (a) R32 (b) R32
 - super dome
 - super dome
 - super dome or ballistic
 - thread (a) C38 (b) C38
 - thread (a) C38 (b) C38
 - thread (a) C38 (b) C38
 - thread (a) C45 (b) C45
 - thread (a) C51 (b) C51

auxiliary: thread R28 / R32 / R 35 / R 38 / C38 / C45 / C51 length 150 / 170 / 190 / 210 / 225 mm diameter 35 / 40 / 44 / 55 / 63 / 66 / 72 / 77 mm

– shank adapters

– bit adapters: Button Bit Adapter R-series thread F= R25 / R28 / R 32 / R 38 M= R28 / R32 / R38 / C38
length: 165 / 173 / 225 / 245 mm –

diameter 44 / 45 / 55 mm

– guide adapter: bit diameter: 64 / 70 / 76 / 83 / 89 / 102 mm – thread C38 / C45 / C51 – length: 410 mm

diameter: 62 / 68 / 72 / 79 / 83 / 96 mm

– grinding cups: Hexagonal Shaft – 7 / 8 / 9 / 10 / 11 / 12 / 13 / 14 / 16 / 18 mm round – ballistic

– casing systems and threaded button bits for fore poling, piling & underpinning, water and thermal well drilling, anchoring, horizontal drilling, site investigation

Special Pumps & Pump Systems, incl. Hydraulic Stations; Jetting pumps & Accessories

Various Industries incl. but not limited to, mining:

– high-pressure pumps (132 to 2000 kW – pressures of 350 up to 3,500 bar)

– pump systems & accessories as well as hydraulic stations

– oil hydraulic for power (energy) plants – water hydraulic for mining & metals operation

– customized solutions

– Jetting Pumps for removal of – paint / rust / rubber (aviation) / road-marking

– cleaning of: ship-hulls / drainage / heat exchanger – others: concrete renovation

– deburring

– decoring

– Jetting Accessories:

– high -pressure accessories for debris removal, injection nozzles, plunger & barrels, injection pump assy, delivery pipes, pump assy

Especially for Chemical, Metals & Petrochemical Industry:

– high performance, volumetrically exact feed pumps up to 3,500 bar for safe pumping of corrosive, abrasive and volatile fluids – hot/cold

– low to high viscosity – multiphase media

– injection of : Methanol / Glycol / Fuel / Crude Oil

– Reverse osmosis

– Polyol pressing

– Gas Washing

Chemicals

Mining: Flotation

The range of depressants can be customized to client systems to achieve a higher percentage of recovery together with a higher rate of purity. the range is composed of natural & modified Polysaccharides (i.e. Cellulose & Galactomannan) designed to be used during froth flotation of pulps containing Silicate Gangues (such as Talc, Kaolinite, Lizardite, Muscovite, Chlorite, Pyrophyllite, Sericite etc.) and hydrophobic minerals. The range of depressants is designed to give the best performances and to be completely compatible with most flotation systems currently used worldwide.

– additives for process enhancement during extraction; the treatment of wastewater; thickening of sludge and rheology control for tailings management: additives such as polyacrylamide flocculants, organic coagulants (polyamines and polyDADMACs), polyacrylate, dispersants, antifoams and de-foamers – potash as a depressant for flotation

De-aerating /De-foaming Oil-based and synthetic-based de-foamers in liquid form are designed for use under demanding conditions and adverse environmental conditions. These anti-foaming agents normally act at the surface of the liquid being treated.

De-aerating /De-foaming & Water Clarification De-foamers in solution / dispersion / aqueous emulsion form are easily pump-able liquid formulations. These de-foamers were designed to be utilized over a wide range of pHs and temperatures. They can be used as de-aerators or as anti-foaming agents.

Pulp / Paper / Printing:

- | | | | | | |
|-----------------|--|---------------------|------------------------------|-------------------------|--------------|
| Wet End Coating | – colored pigments | – fixing agents | – de-foamers | – bulk agents | – lubricants |
| | – natural & synthetic thickener | – dispersing agents | – plasticizers | – rheological modifiers | |
| Surface | – water borne polyurethane dispersions | – flame retardants | – release & softening agents | | |
| | – lubricant waxes & paraffin water emulsions | | – natural polymers | | |

Equipment & Auxilliary

- Belt Conveyor
- Crushers mobile – stationary – vertical shaft impact crusher
- Grinding Mill superfine vertical roller – super pressure Trapezium – superfine grinding
- Magnetic Separator for processing fine, feebly magnetic minerals, such as hematite, limonite, wolfram, ilmenite, and tantalum-niobium, etc.
- Flotation Machines for Non-ferrous metal minerals such as copper, lead, zinc, molybdenum, cobalt, tungsten, antimony, etc..
- Shaking Tables
- Ceramic Filter or iron, copper, lead, zinc, iron, silver, gold, sulfur and other metal ore as well as phosphorus, fluorite, quartz and other non-metallic minerals
- Auxiliary for river gravel, granite, basalt, quartz, iron ore, diabase, limestone, coal gangue etc.
- Vibrating Feeder & Screen for Sand Washing

