



**Heavy
Duty**

CENTRALISED LUBRICATION SYSTEMS

OVER VIEW

- A global leader in the design and manufacture of precision lubrication systems and components, state of the art electronic controls, and industrial cooling products
- The Industry's broadest product range, from single point lubricators to complex systems that dispense oil or grease to hundreds of lubrication points
- Founded in 1872
- Seven manufacturing facilities with over 750 employees globally, including: China, Germany, India, Ireland, Spain, UK and the US
- 12 sales offices and over 150 distributors located throughout the world

What we believe

Mission Statement

- To work together within the global Bijur Delimon International organization to profitably supply superior centralized lubrication systems and services that exceed our customers' expectations.

Quality philosophy

- To exceed our internal and external customer expectations and to continuously improve and provide quality products and services that are error-free, on-time, every time.

More than a company of lubrication Excellence

1872 Delimon begins operations as a metal foundry and manufacturer of safes

1924 Bijur began installing oil lubricators for automobiles

1926 Farval opens its doors, offering lubricators for pulp and paper, mining, steel and metalworking industries

1944 Delimon-Denco Lubrication begins selling lubrication products in the United Kingdom

1972 LubeSite begins selling its single-point grease and oil feeders



DELIMON®



DELIMON
Denco
Lubrication

BIJUR DELIMON
INTERNATIONAL

Global Footprint with Extensive Capabilities



BIJUR DELIMON Product Spectrum



Applications to all process industries like Steel,Cement,Mining,MHP,Thermal etc



RANGE OF SOLUTIONS:

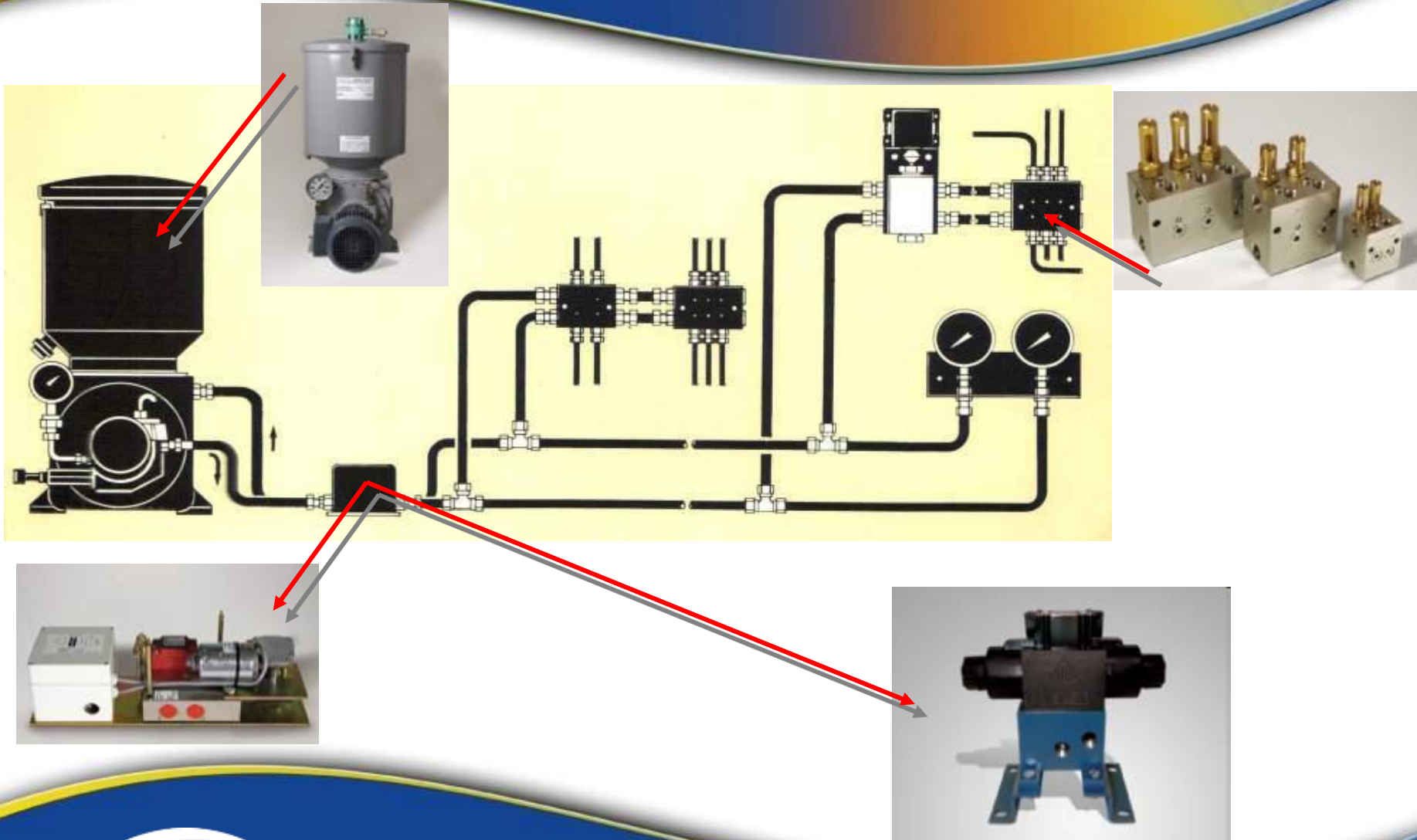
- Wide range of solutions to meet your needs:
- Delimon two line systems.
 - Clinker Coolers, Sugar mills, Lime stone crushers.
 - Hot strip mills, Casters, Blast furnaces.
 - Bucket wheel excavators, Stacker re-claimers.
- Delimon grease spray systems
 - Kilns, Ball mills, Arc furnaces.

Cont.....

- Delimon progressive / multi line systems.
 - Machine tools, presses,
 - Cranes, conveyors, chassis
- Delimon special lubricators
 - Chain lubricators
 - Wheel flange lubricators.

- Farval single line injector systems.
 - Dumpers, Excavators, Draglines, Rope shovels.
- Bijur oil lubrication systems.
 - Machine tools, injection moulding
 - Air / oil systems.
- Lube site gravity feed lubricators.
 - For single point lubrication.

Dual line Lubrication Systems



Dual line system components

Two line system.

PUMPS

Motor driven, plunger type , 400 bar.

Pneumatic operated, pump ratio- 55 : 1

METERING DEVICES

Various types to suit the individual points.

CHANGE OVER VALVE

Electric motor operated change over valve

Solenoid operated change over valve.

Hydraulically operated change over valve

END OF LINE PRESSURE SWITCH

Typical Dual Line System Pump Stations:



Dual line system Features

DISTINCT FEATURES:

- Maximum working pressure 400bar.
- Proven Delimon 2 line systems for heavy duty application.
- Manifold + metering valve construction of distributors enables easy/low cost maintenance
- High pressure enables use of smaller tubing size.
- Grease homogeneity ensured by stirring paddle for reservoirs upto 100 ltrs.
- Electrically operated barrel mounted pump available.

Spray Lubrication Systems

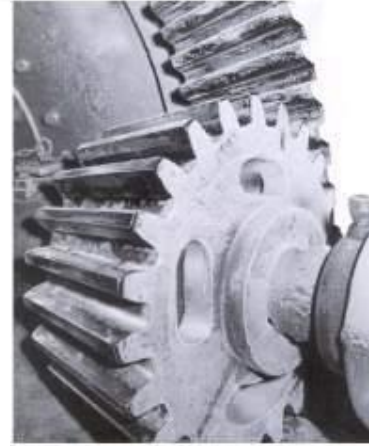
Applications

Spray lubrication systems...

...for applications which requires constant, metered and directed lubrication with grease, oil or adhesive lubricants on different surfaces.

Especially for open gears to lubricate the gear rim drives spray lubrication systems are the best solution to reduce the costs up to 50%.

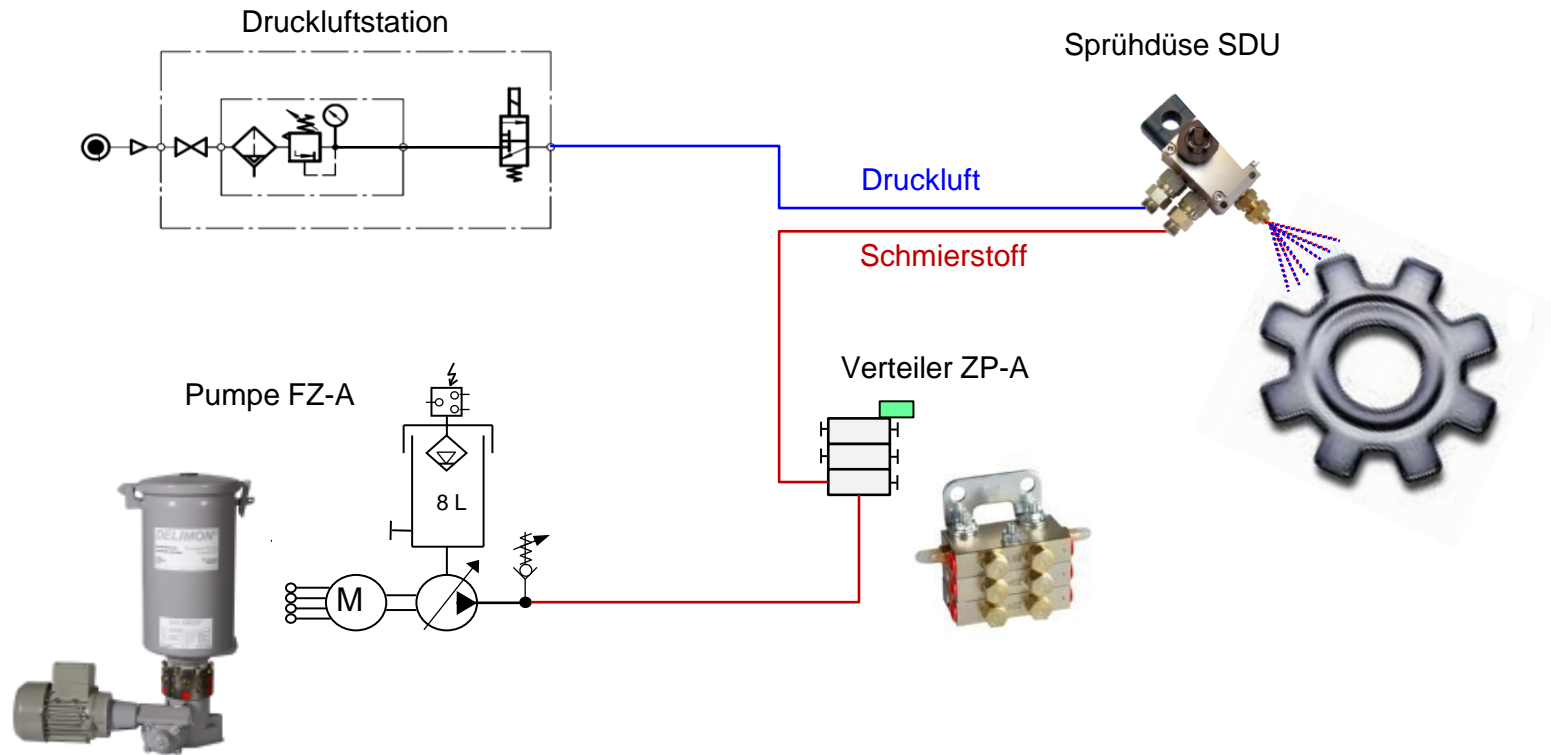
Applications:



- Cement mills
- Rotary furnace
- Coal mills
- Mixing drum

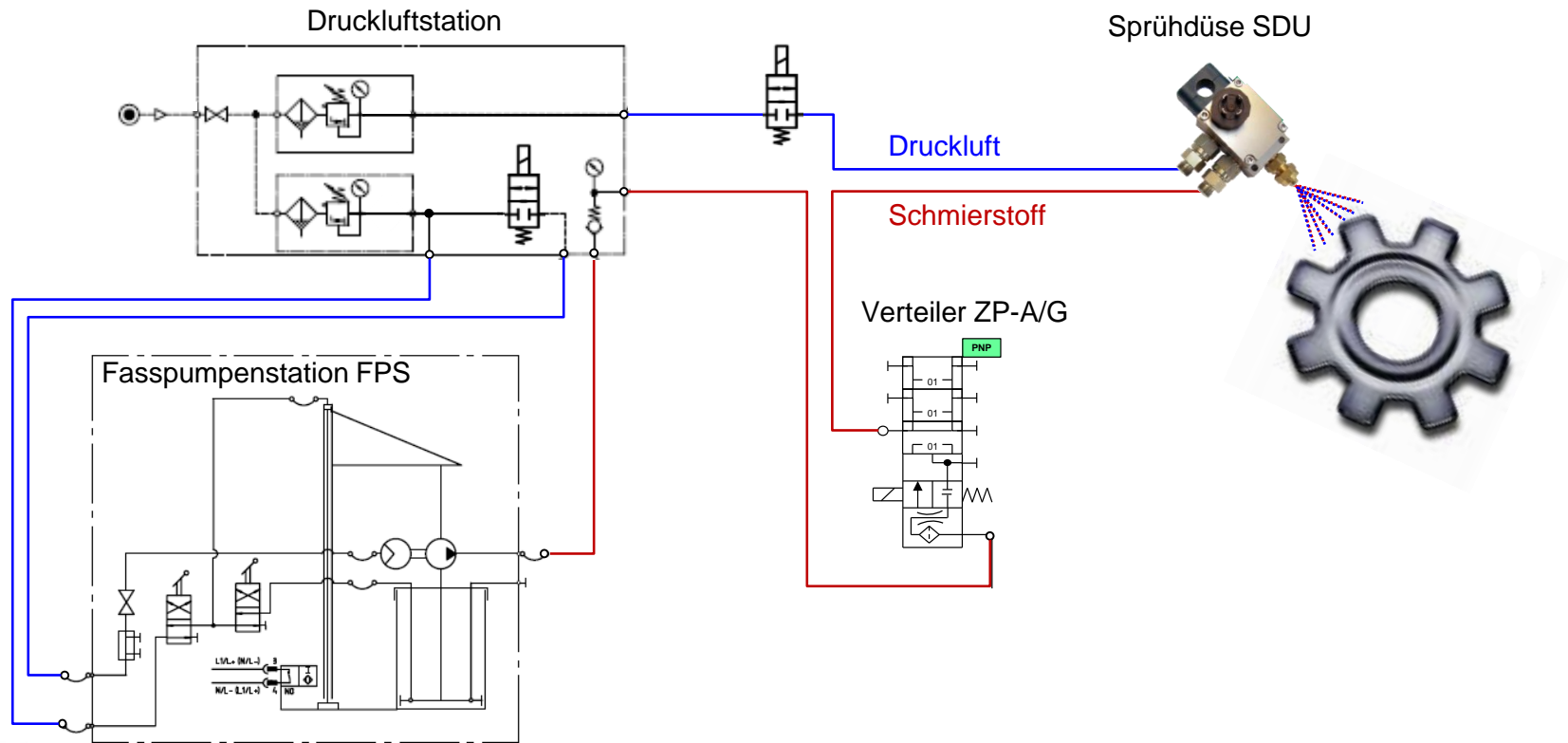
Typical Spray system Arrangement

1. example with electrical pump



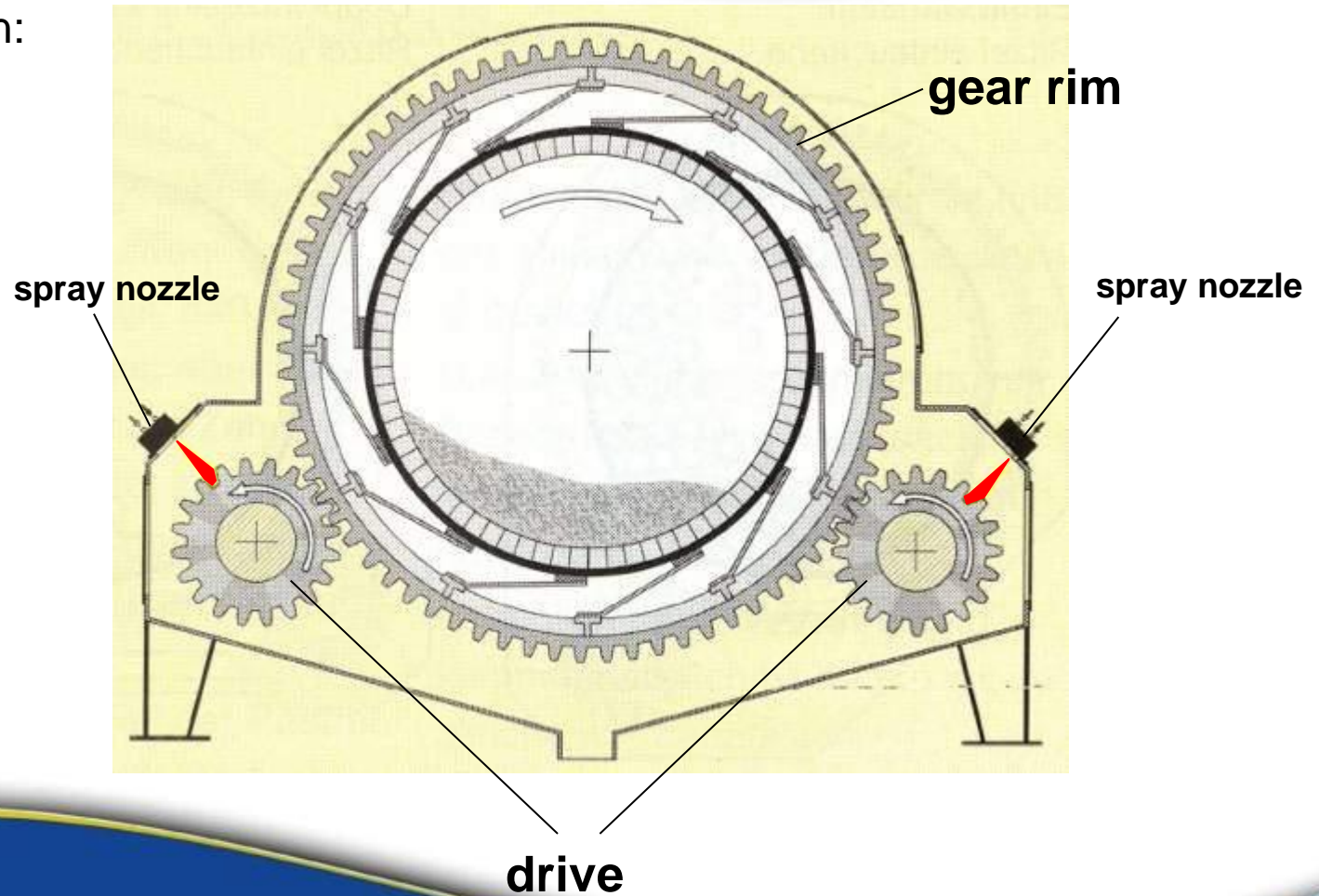
SureMatic Lubricator (Oil)

2. example with pneumatical pump



Complex systems:

→ typical application:
pinion drive for
cement mills



Spray System Features

- Distinct features.
- Adjustable lubricant output from each nozzle.
- Monitoring of each nozzle thro' pressure sensor.
- Spray width of 150mm at a distance of 200mm
- No internal leakages. Hence NO collector block.
- No false air leakage in Delimon nozzles.
- No dripping of grease due to half opened air valve prevalent in competitor systems.
- Nozzle insert in single piece construction.
- Venting not required in Delimon pumps.
- Homogeneity of grease ensured by follower plate.
- Lesser moving parts & seals.

Fields of application

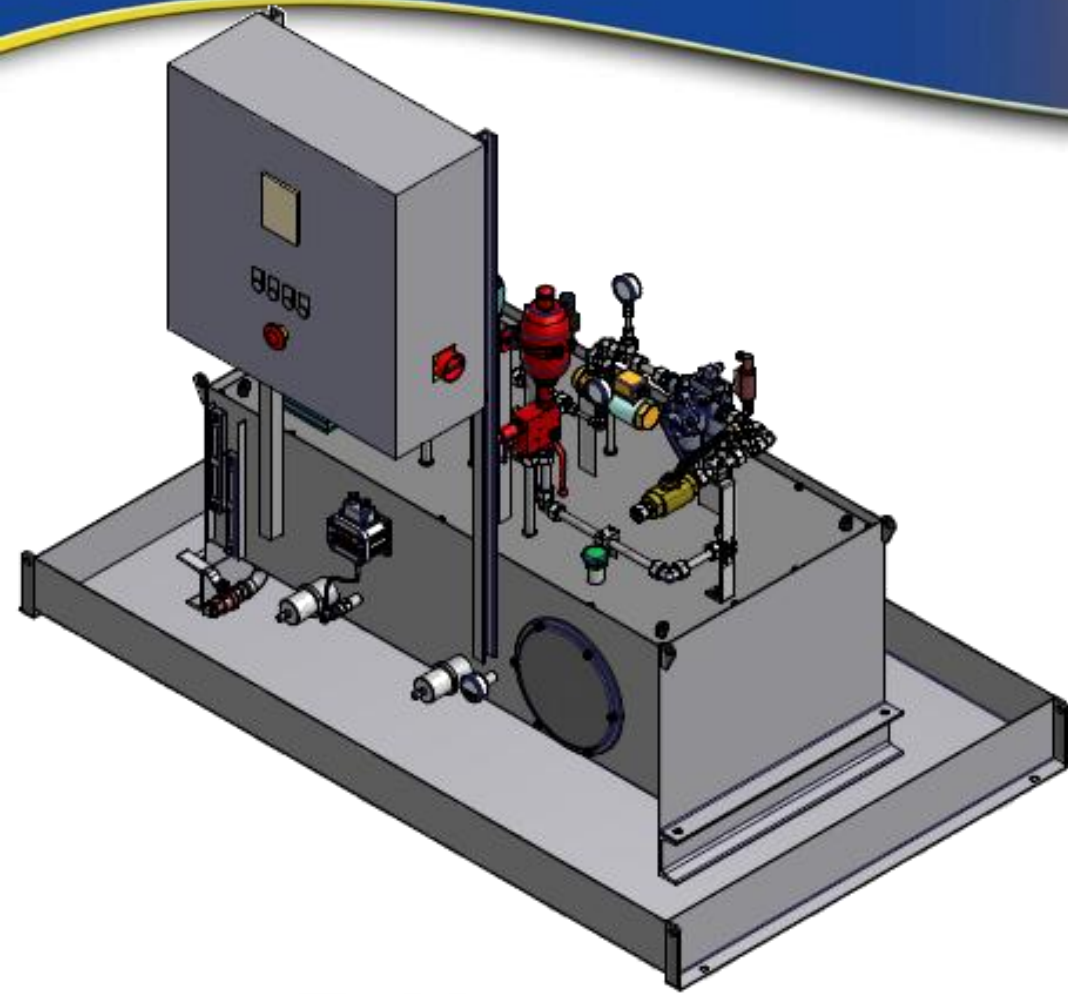
Lubrication of equipment in

- **Continuous casting plants**
- **Hot rolling mills**
- **Cold rolling mills**

Air-oil central lubrication system

- **Oil unit**
- **Air-oil mixing unit**
- **Electrical control**
- **Distributors**

Oil unit

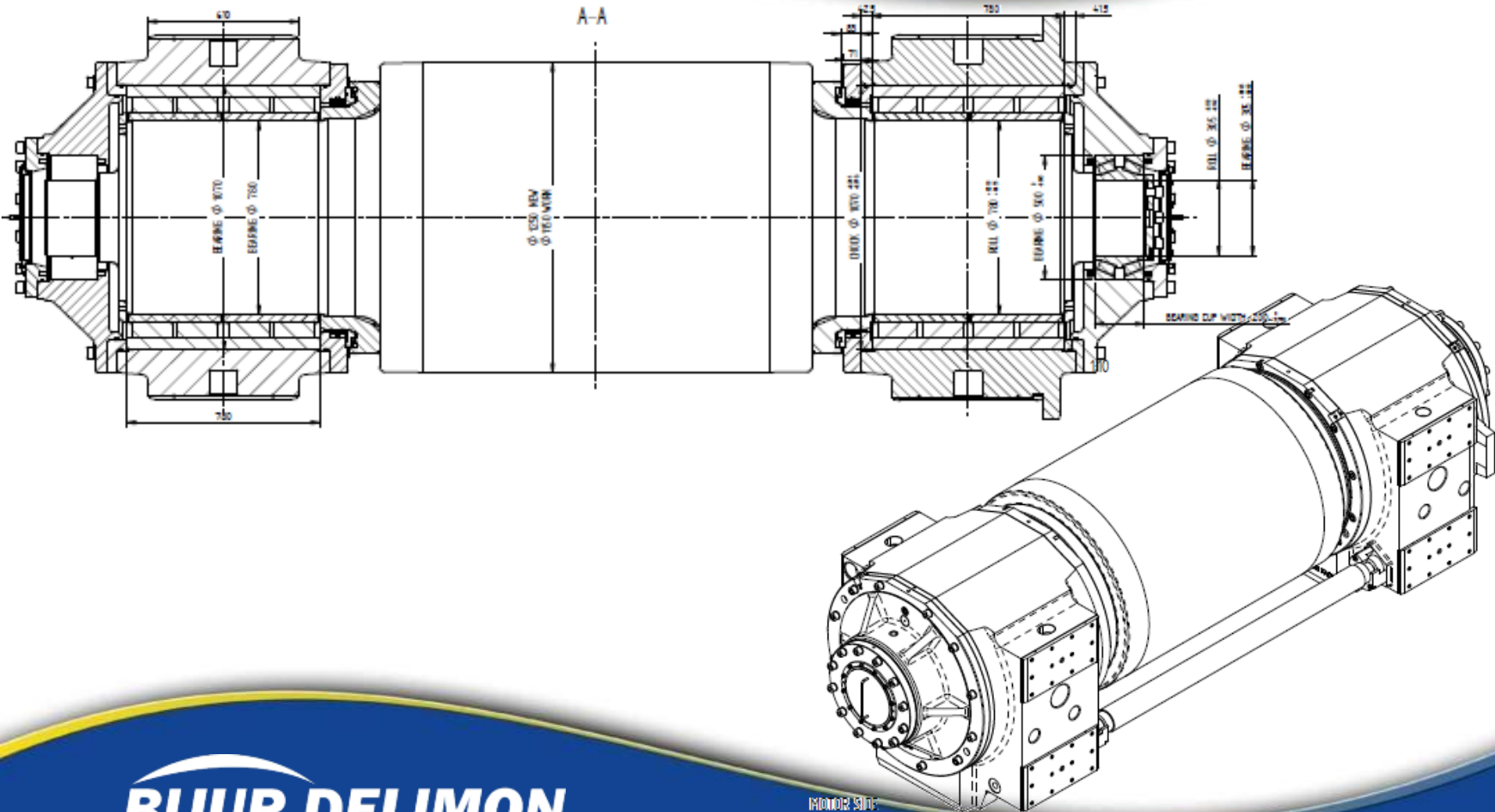


Sky Jet Lance

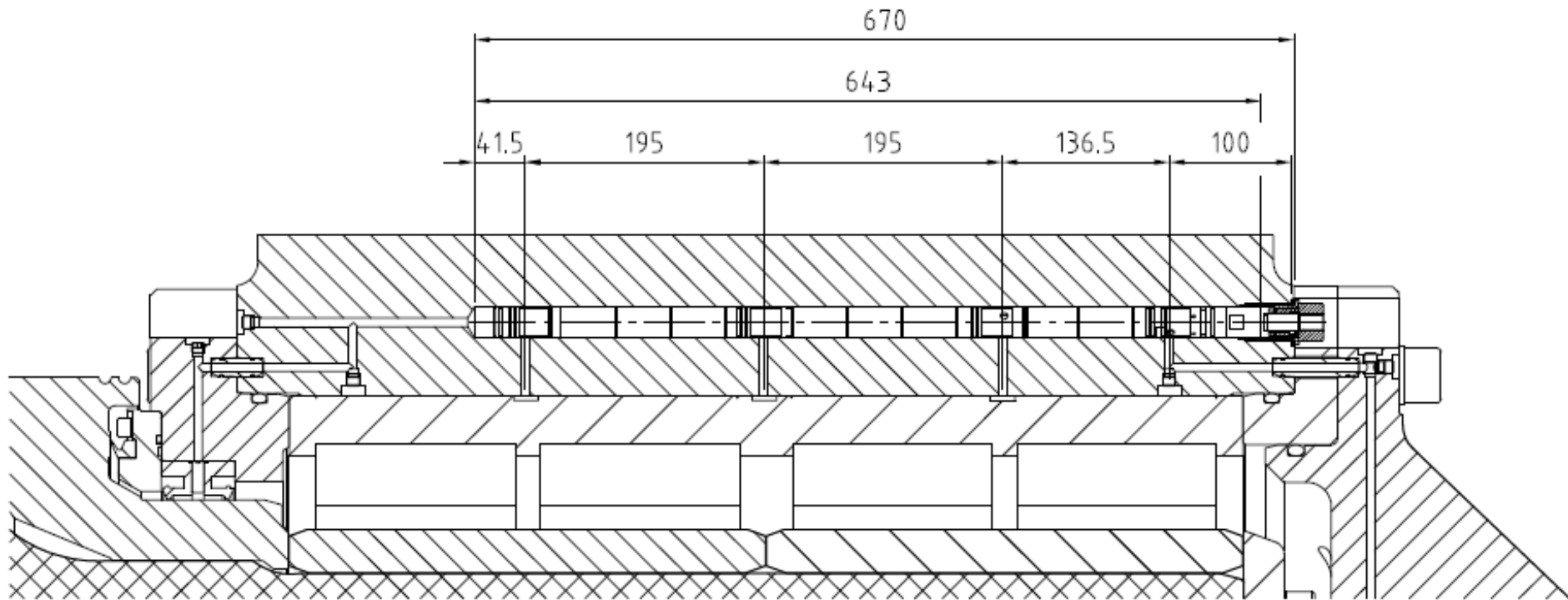
The Skyjet air-oil lance & distributors allow the air-oil flow to supply up to 4 lubrication points having equal or different requested flows.



Arrangement:



Arrangement



AluNorf WW2 pre-stand





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INTERNATIONAL

Customer Application



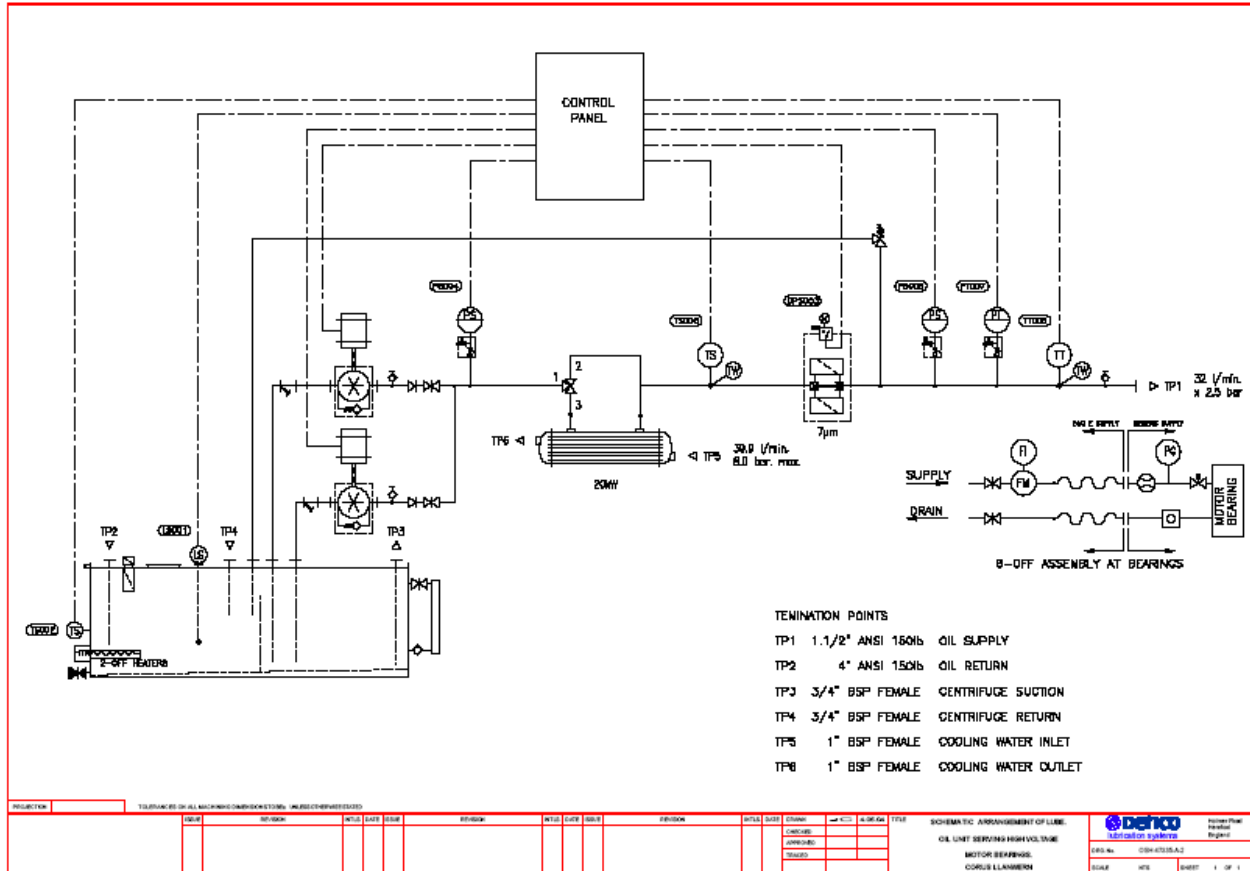
Oil Re-Circulation systems



Oil Lubrication Systems

- BASIC STEEL MILL APPLICATIONS
- Bearing Lube
- Gearbox Lube
- Combination of Bearings and Gears

Typical schematic of Oil Re-Circulation systems

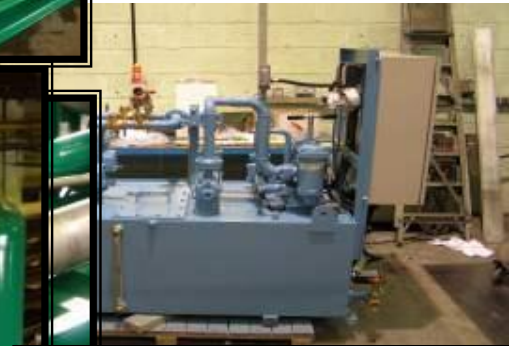


Oil Re-circulation Systems

MAIN SYSTEM COMPONENTS

– Skid or tank mounted

- Pumps (Gear, Screw, Vane)
- Filter (Cartridge or Basket)
- Heat Exchanger (Shell and Tube, Plate or Air Blast)
- Valves (Isolation and Directional)
- Control Valves (Pressure, Flow or Temperature)
- Instrumentation (Level, Flow, Pressure and Temperature)



Organisational Support.

- A team of qualified engineers with vast experience in centralised lubrication systems.
- Manufacturing set up in Pune.
- After sale service team having in depth experience in lubrication systems.
- Technical support from Delimon, Farval, Bijur, Denco & Lubesite.

Location:

Registered Office:

Bijur Delimon India Pvt.Ltd.
Thakur Niwas, 173, Jamshedji Tata Road,
Church Gate,Mumbai-400 020
Tel.:022-22885617

Factory:

Bijur Delimon India Pvt.Ltd.
Plot No.56/A/1, “H” Block,MIDC
Pimpri ,Pune-411 018
Tel.:020-3061 8801/06/15/13/20

Visite Us at :

www.bijurdelimon.com

THANK YOU