

High pressure water in the construction industry

Hammelmann high pressure pumps and application engineered accessories

HAMMELMANN®



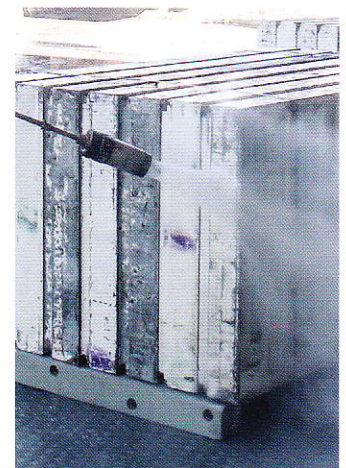
- Roughening and preparing concrete, asphalt and stone surfaces
- Exposing the aggregate
- Removing rendering
- Laitance removal



- Exposing reinforcing bars
- Selective removal of damaged surfaces i.e. spalling concrete, plaster, rendering, asphalt
- Cutting doorways, access ways etc. in tunnels and concrete structures



- Road and car park marking removal
- Industrial floor cleaning and renovation
- Removing rubber deposits from runways and aprons



- Cleaning scaffolding, formwork and construction machinery
- Cleaning natural stone walling
- Removing all types of coatings from walls and floors i.e. paints, bitumen, plastics, growths, corrosion

High pressure pump units for on site use



07 series

Designs:

- stationary
- mobile road going
- containerised

Max operating pressure:
3000 bar
Power rating: 70 kW

Weight of road going design:
1,8 t



12 series

Designs:

- stationary
- mobile road going
- containerised

Max. operating pressure:
3000 bar
Power rating: 120 kW

Weight of road going design:
2,5 t



Low headroom 12 series for use in multi-storey car parks

Designs:

- stationary
- mobile road going

Max. operating pressure:
3000 bar
Power rating: 120 kW

Weight of road going design:
2,4 t



17 series

Designs:

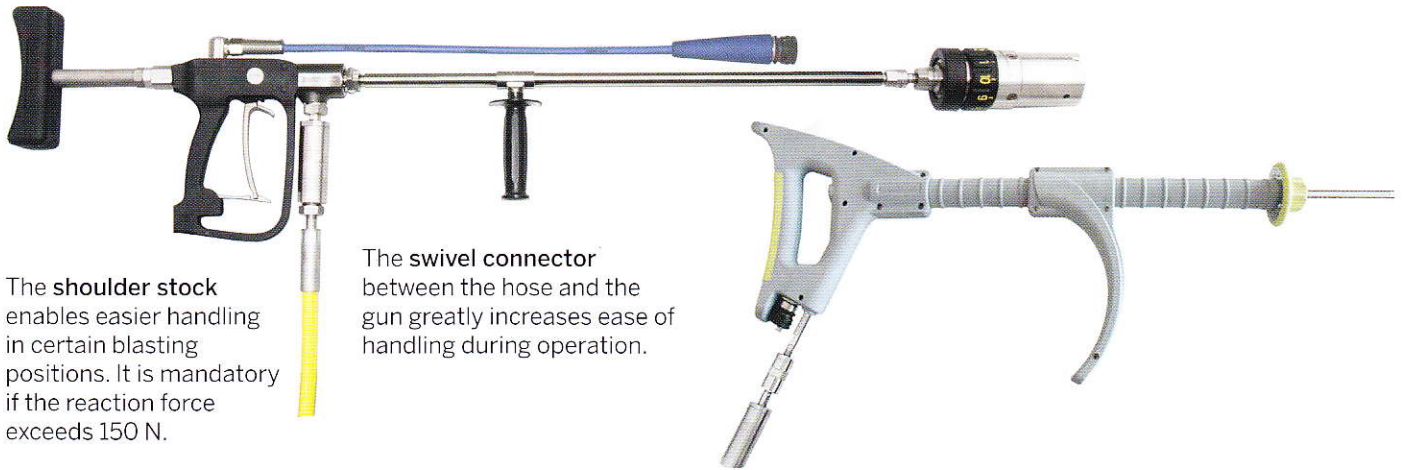
- stationary
- mobile road going
- containerised

Max. operating pressure
3000 bar
Power rating: 170 kW

Weight of road going design:
3,5 t

Application engineered accessories

SP 3000 E water blasting gun



The **shoulder stock** enables easier handling in certain blasting positions. It is mandatory if the reaction force exceeds 150 N.

The **swivel connector** between the hose and the gun greatly increases ease of handling during operation.



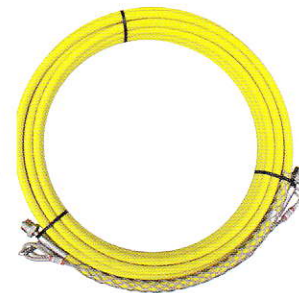
The speed of rotation of the **RD Flex 3000 rotorjet** is adjusted manually without the need for tools. Various interchangeable, application specific nozzle holder heads are available.

The **Ergoblast® gun** is operated by transponder with the signal to the pump bypass control transmitted via 4 wire technology.



The **Thermacon** converts the energy of the ultra high pressure into a hot water jet.

Radio remote control unit enables cable free connection between the pump bypass valve and the electrically actuated accessory.



High pressure hoses are fitted with safety sleeves, arresters and karabiner hook fasteners.



Protective clothing



Electric cables provide the connection between the pump bypass valve and the electrically actuated accessory.



The **spare parts case** contains nozzle inserts, blast back shields for rotorjets, filter bags, connectors and tools.

Aquablast® surface blasters are easy to use and provide highly efficient cleaning and stripping of a wide range of materials.

