

# RD Flex 3000

## Rotorjets with adjustable rotation speed

It is not necessary to fit differing size nozzle inserts to the RD Flex 3000 to achieve the various speeds or to suit various pump performances. Nozzle insert selection is therefore simpler and safer.



Nozzle carriers can be exchanged very easily to suit the type of work in hand or the power of the pump being used.



The rotation speed is simply adjusted by turning the adjuster ring in the required direction.

Despite the additional features the Rotorjet is still extremely lightweight.

The optimal nozzle positions for the various types were selected as a result of CFD analysis.

**4000 r.p.m.**



High speed for coating removal.

**1000 r.p.m.**



Low speed for concrete removal or surface roughening.

# RD Flex 3

## Technical Data

Op. pressure: max. 3000 bar  
Flow rate: 8,5 – 30 l/min  
Rotation speed: 1000-4000 rpm

Material: corrosion resistant  
Weight: 1,8 kg including nozzle carrier and nozzle inserts  
Length: 236 mm  
Diameter: 74 mm  
Connection thread: M 14 x 1,5 LH,  
Optional: Adapter for 9/16"-18 UNF  
Spanner size: 24 mm A/F  
Number of inserts: max. 6

Suitable inserts:

Type K  
Round jet



Material:  
Steel/Sapphire  
(only for RD  
Flex 3004)

Type P  
Round jet



Material:  
Steel/Sapphire

Type T  
Round jet



Material:  
Steel/Diamond








## RD Flex 3000

- Designed for use with the SP 3000 and Ergoblast guns, lances etc.
- Low wear, leakage free rotating components
- Internal protected brake
- Quick change seal system
- Nozzle inserts are countersunk in the nozzle carrier.
- Nozzle carrier protected by blastback shield
- Plastic protective sleeve

## Typical applications

- Renovation: surface layer (render etc.) removal, Paint removal, Facade cleaning
- Cleaning and washing concrete structures
- Expansion joint removal
- Side wall cleaning in phosphate plants
- Coating and paint removal from metal surfaces
- Blasting pipe externals
- Paint booth grid and skid clean up
- Hull, deck and superstructure surface preparation, Heavy machinery clean up in the ship repair industry

Type	Pump power	Code no.
 RD Flex 3001	55 – 70 kW	00.00786.0079
 RD Flex 3002	70 – 120 kW	00.00786.0080
 RD Flex 3003	70 – 120 kW	00.00786.0083
 RD Flex 3004	70 – 120 kW	00.00786.0089
 RD Flex 3005	70 – 120 kW	00.00786.0090

- Corrosion and paint removal in holds, ballast tanks, double hull spaces etc.
- Surface preparation on awkward metal profiles
- Bridge structural steelwork surface preparation
- Rubber coating removal



**When working with hand held guns or lances the maximum allowable axial reaction force is 250 N. If the reaction force exceeds 150 N the blasting tool must be fitted with a support device such as a shoulder stock.**

Hammelmann  
Maschinenfabrik GmbH

Postfach 3309 • D-59282 Oelde  
Zum Sundern 13-21 • Germany  
eMail: mail@hammelmann.de • Internet: www.hammelmann.de

Telefon (0 25 22) 76-0  
Telefax (0 25 22) 76-444

**HAMMELMANN®**