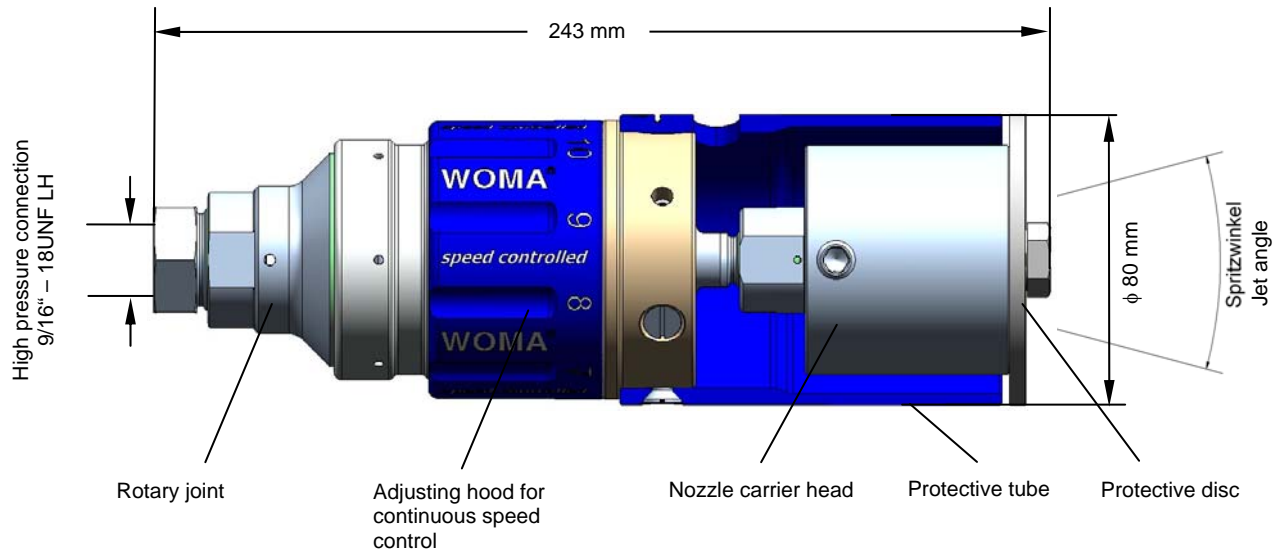


TURBO NOZZLE TD3000 – SC

Working Pressure 1000 - 2000 bar



Description:

The TD 3000 SC is a highly efficient water tool with a rotating nozzle carrier head, specially designed for surface preparation.

The turbo nozzle has a continuous speed control.

The main advantage of the turbo nozzle is its high production rate.

The turbo nozzle can be connected directly to gun barrels (9/16) of WOMA gun models HP1000 through HP 3000 and nearly any gun available on the market.

Special characteristics:

- Speed control
- High efficiency due to leak free sealing system
- Dirt resistance due to sealing systems
- Low weight
- Pressure conducting parts made of stainless steel
- Long life time
- Easy change of the nozzle carrier head and nozzles
- Easy maintenance, field repairable

Optimum jet stream when using nozzle form 21 LL (LL= LongLife)
see product sheet D-21LL-3000

Technical Data:

Operating pressure:	max. 3000 bar
Flow rate:	45 l/min
Medium temperature:	max. + 90°C
High pressure connection:	9/16-18UNF-LH
Speed:	750 – 4000 1/min
Rotating direction :	right
Weight without nozzle carrier head:	appr. 1,60 kg



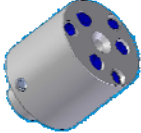

Suitable nozzles:

Form 21 LL

Accessories:

Thrust collar for high pressure connection M14 x 1,5 LH
Part-No.: 320.1799



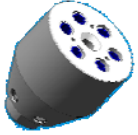
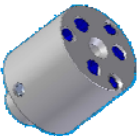
Turbo Nozzle TD3000 – SC for 1250 bar

Turbo Nozzle TD3000 – SC		Operating Pressure 1250 bar
Rotary Joint	Nozzle Carrier Head	Nozzles Required
 <p style="text-align: center;">Rotary joint TD3000-SC Part-No: 011.4522</p>	 <p style="text-align: center;">TD-09-35° Part-No. 341.0514</p>	Flow rate: 14 l/min, recoil force: 110 N 4 nozzles form 21 LL Ø 0,40 mm PN 344.2105 <i>and</i> 2 dummy nozzles PN 344.2100
		Flow rate: 13 l/min, recoil forcet: 105 N 3 nozzles form 21 LL Ø 0,45 mm PN 344.2106 <i>and</i> 3 dummy nozzles PN 344.2100
		Flow rate: 13 l/min, recoil force : 104 N 2 nozzles form 21 LL Ø 0,55 mm PN 344.2108 <i>and</i> 4 dummy nozzles PN 344.2100
	 <p style="text-align: center;">TD-06-30° Part-No. 341.0487</p>	Flow rate: 23,5 l/min, recoil force : 190 N 3 nozzles form 21 LL Ø 0,40 mm (outer nozzle circle) PN 344.2105 <i>and</i> 3 nozzles form 21 LL Ø 0,45 mm (inner nozzle circle) PN 344.2106
		Flow rate: 23,5 l/min, recoil force : 190 N 3 nozzle form 21 LL Ø 0,45 mm (outer nozzle circle) PN 344.2106 <i>and</i> 3 nozzle form 21 LL Ø 0,40 mm (inner nozzle circle) PN 344.2105
		Flow rate: 21 l/min, recoil force: 170 N 3 nozzles form 21 LL Ø 0,45 mm (outer nozzle circle) PN 344.2106 <i>and</i> 3 nozzle form 21 LL Ø 0,35 mm (inner nozzle circle) PN 344.2104
		Flow rate: 21 l/min, recoil force: 170 N 6 nozzles form 21 LL Ø 0,45 mm PN 344.2106
	 <p style="text-align: center;">TD-08-25° Part-Nr. 341.0492</p>	Flow rate: 26 l/min, recoil force: 213 N 4 nozzles form 21 LL Ø 0,55 mm PN 344.2108 <i>and</i> 2 dummy nozzles PN 344.2100
		Flow rate: 27,5 l/min, recoil force : 223 N 3 nozzles form 21 LL Ø 0,65 mm PN 344.2110 <i>and</i> 3 dummy nozzles PN 344.2100

The recoil forces at hand-held jetting devices must never exceed 250 N in the longitudinal axis.

In case of recoil forces > 150 N the hand-held jetting devices (guns, lances) must be equipped with a body support!





Turbo Nozzle TD3000 – SC for 1500 bar

Turbo Nozzle TD3000 – SC		Operating Pressure 1500 bar
Rotary Joint	Nozzle Carrier Head	Nozzles Required
 <p>Rotary Joint TD3000-SC Part-No: 011.4522</p>	 <p>TD-09-35° Part-No. 341.0514</p>	Flow rate: 12,5 l/min, recoil force: 112 N 6 nozzles form 21 LL Ø 0,30 mm PN 344.2103
		Flow rate: 12 l/min, recoil force : 104 N 2 nozzles form 21 LL Ø 0,55 mm PN 344.2108 <i>and</i> 4 dummy nozzles PN 344.2100
	 <p>TD-08-25° Part-Nr. 341.0492</p>	Flow rate: 26 l/min, recoil force: 203 N 6 nozzles form 21 LL Ø 0,40 mm PN 344.2106
		Flow rate: 23,5 l/min, recoil force: 212 N 4 nozzles form 21 LL Ø 0,50 mm PN 344.2107 <i>and</i> 2 dummy nozzles PN 344.2100
		Flow rate: 23 l/min, recoil force: 207 N 2 nozzles form 21 LL Ø 0,70 mm PN 344.2111 <i>and</i> 4 dummy nozzles PN 344.2100
	 <p>TD-07-25° Part-No. 341.0488</p>	Flow rate: 25,5 l/min, recoil force: 230 N 3 nozzles form 21 LL Ø 0,45 mm (outer nozzle circle) PN 344.2106 <i>and</i> 3 nozzles form 21 LL Ø 0,40 mm (inner nozzle circle) PN 344.2105
		Flow rate: 25,5 l/min, recoil force: 230 N 3 nozzles form 21 LL Ø 0,40 mm (outer nozzle circle) PN 344.2105 <i>and</i> 3 nozzles form 21 LL Ø 0,45 mm (inner nozzle circle) PN 344.2106

The recoil forces at hand-held jetting devices must never exceed 250 N in the longitudinal axis.

In case of recoil forces > 150 N the hand-held jetting devices (guns, lances) must be equipped with a body support!

Turbo Nozzle TD3000 – SC for 2000 bar

Turbo Nozzle TD3000 - SC		Operating Pressure 2000 bar
Rotary Joint	Nozzle Carrier Head	Nozzles Required
 <p>Rotary joint TD3000-SC Part-No: 011.4819</p>	 <p>TD-12-35° Part-No. 341.0517</p>	<p>Flow rate: 11 l/min, recoil force: 112 N</p> <p>2 nozzles form 21 LL Ø 0,45 mm PN 344.2106</p>
	 <p>TD-06-30° Part-No. 341.0487</p>	<p>Flow rate: 17,5 l/min, recoil force: 178 N</p> <p>3 nozzles form 21 LL Ø 0,35 mm (outer nozzle circle) PN 344.2104 <i>and</i> 3 nozzles form 21 LL Ø 0,30 mm (inner nozzle circle) PN 344.2103</p>
		<p>Flow rate: 21,5 l/min, recoil force: 222 N</p> <p>3 nozzles form 21 LL Ø 0,25 mm (outer nozzle circle) PN 344.2102 <i>and</i> 3 nozzles form 21 LL Ø 0,45 mm (inner nozzle circle) PN 344.2106</p>
	 <p>TD-08-25° Part-No. 341.0492</p>	<p>Flow rate: 20 l/min, recoil force: 207 N</p> <p>6 nozzles form 21 LL Ø 0,35 mm PN 344.2104</p>
		<p>Flow rate: 20,5 l/min, recoil force: 211 N</p> <p>3 nozzles form 21 LL Ø 0,50 mm PN 344.2107 <i>and</i> 3 dummy nozzles PN 344.2100</p>
		<p>Flow rate: 19,5 l/min, recoil force: 203 N</p> <p>2 nozzles form 21 LL Ø 0,60 mm PN 344.2109 <i>and</i> 4 dummy nozzles PN 344.2100</p>

The recoil forces at hand-held jetting devices must never exceed 250 N in the longitudinal axis.

In case of recoil forces > 150 N the hand-held jetting devices (guns, lances) must be equipped with a body support!