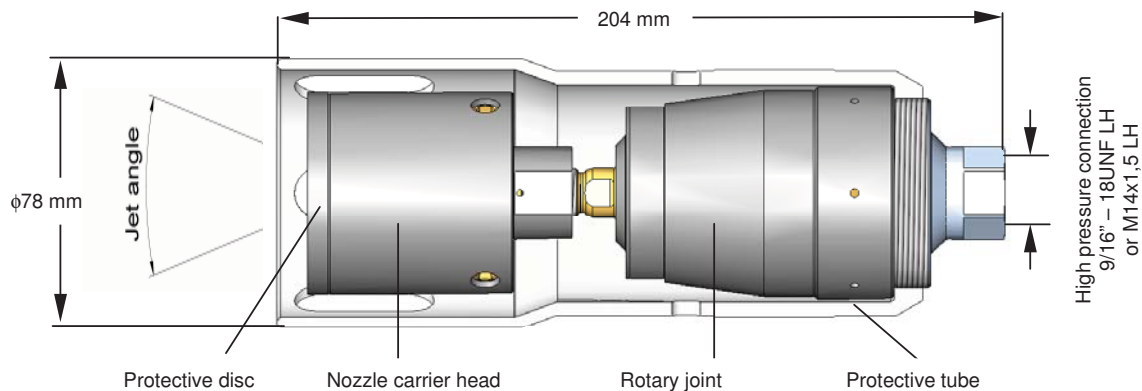


TURBO NOZZLE TD 3000



Description:

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

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.

Technical Data:

Operating pressure:	max. 3000 bar
Flow rate:	25 l/min
Medium temperature:	max. + 50 °C
Speed:	1000 – 2000 1/min
Rotating direction:	right
Weight:	appr. 1,8 kg

Special characteristics:

High efficiency due to leak free sealing system

Dirt resistant due to sealing systems

Low weight

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


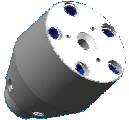
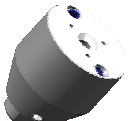
Easy maintenance, field repairable

Suitable nozzles:

Form 21 LL or Form 21 Sapphire

When using nozzle form 21 sapphire, the nozzle diameters must be 0.05mm larger than that of nozzle form 21 LL.


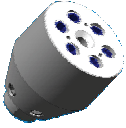
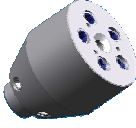
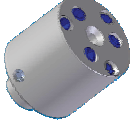
Turbo Nozzle TD 3000 for Eco Pro 2500

Turbo Nozzle TD 3000		Operating Pressure 2500 bar
Rotary Joint	Nozzle Carrier Head	Nozzles Required
 <p>Pressure connection 9/16" - 18 UNF LH Part No. 011.0568</p> <p>Pressure connection M14x1,5 LH Part No. 011.0691</p>	 <p>TD-10 - 35° Part No. 341.0515</p>	<p>Flow rate: 9,5 l/min, recoil force: 108 N</p> <p>5 nozzles form 21 LL Ø 0,25 mm PN 344.2102</p>
	 <p>TD-12 - 35° Part No. 341.0517</p>	<p>Flow rate: 9,8 l/min, recoil force: 110 N</p> <p>2 nozzles form 21 LL Ø 0,40 mm PN 344.2105</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!


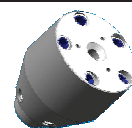
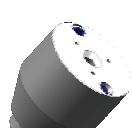
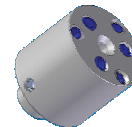
Turbo Nozzle TD 3000 for MK3

Turbo Nozzle TD 3000		Operating Pressure 2500 bar
Rotary Joint	Nozzle Carrier Head	Nozzles Required
 <p>Pressure connection 9/16" - 18 UNF LH Part No. 011.0568</p> <p>Pressure connection M14x1,5 LH Part No. 011.0691</p>	 <p>TD-08-25° Part No. 341.0492</p>	<p>Flow rate: 18,6 l/min, recoil force: 214 N</p> <p>3 nozzles form 21 LL Ø 0,45 mm PN 344.2106 <i>and</i> 3 dummy nozzles Part No. 344.2100</p> <hr/> <p>Flow rate: 18,5 l/min, recoil force: 213 N</p> <p>2 nozzles form 21 LL Ø 0,55 mm PN 344.2108 <i>and</i> 4 dummy nozzles Part No. 344.2100</p>
	 <p>TD-11-25° Part No. 341.0516</p>	<p>Flow rate: 18,7 l/min, recoil force: 216 N</p> <p>5 nozzles form 21 LL Ø 0,35 mm PN 344.2104</p>
	 <p>TD-07-25° Part No. 341.0488</p>	<p>Flow rate: 19,5 l/min; recoil force: 225 N</p> <p>3 nozzles form 21 LL Ø 0,30 mm (outer nozzle circle) PN 344.2103</p> <p>3 nozzles form 21 LL Ø 0,35 mm (inner nozzle circle) PN 344.2104</p> <hr/> <p>Flow rate: 19,5 l/min; recoil force: 225 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>

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 TD 3000 for 2500 bar


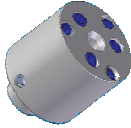

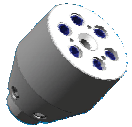
Turbo Nozzle TD 3000		Operating Pressure 2500 bar
Rotary Joint	Nozzle Carrier Head	Nozzles Required
 <p>Pressure connection 9/16" - 18 UNF LH Part No. 011.0568</p> <p>Pressure connection M14x1,5 LH Part No. 011.0691</p>	 <p>TD-10-35° Part No. 341.0515</p>	<p>Flow rate: 9,5 l/min, recoil force: 108 N</p> <p>5 nozzles form 21 LL Ø 0,25 mm PN 344.2102</p>
	 <p>TD-12-35° Part No. 341.0517</p>	<p>Flow rate: 9,8 l/min, recoil force: 110 N</p> <p>2 nozzles form 21 LL Ø 0,40 mm PN 344.2105</p>
	 <p>TD-07-25° Part No. 341.0488</p>	<p>Flow rate: 14,7 l/min, recoil force: 169 N</p> <p>3 nozzles form 21 LL Ø 0,40 mm (outer nozzle circle) PN 344.2105 <i>and</i> 3 dummy nozzles (inner nozzle circle) PN 344.2100</p>
		<p>Flow rate: 19,5 l/min, recoil force: 225 N</p> <p>3 nozzles form 21 LL Ø 0,30 mm (outer nozzle circle) PN 344.2103 <i>and</i> 3 nozzles form 21 LL Ø 0,35 mm (inner nozzle circle) PN 344.2104</p>
		<p>Flow rate: 19,5 l/min, recoil force: 225 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>3 nozzles form 21 LL Ø 0,40 mm (outer nozzle circle) PN 344.2105 <i>and</i> 3 dummy nozzles (inner nozzle circle) 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!



Turbo Nozzle TD 3000 for 2500 bar


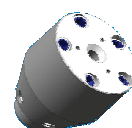
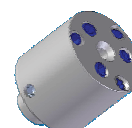
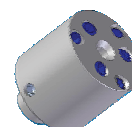
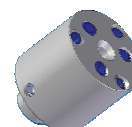
Turbo Nozzle TD 3000		Operating Pressure 2500 bar
Rotary Joint	Nozzle Carrier Head	Nozzles Required
 <p>Pressure connection 9/16" - 18 UNF LH Part No. 011.0568</p> <p>Pressure connection M14x1,5 LH Part No. 011.0691</p>	 <p>TD-06-30° Part No. 341.0487</p>	<p>Flow rate: 16,6 l/min, recoil force: 188 N</p> <p>6 nozzles form 21 LL Ø 0,30 mm PN 344.2103</p>
	 <p>TD-11-25° Part No. 341.0516</p>	<p>Flow rate: 18,7 l/min, recoil force: 216 N</p> <p>5 nozzles form 21 LL Ø 0,35 mm PN 344.2104</p>
	 <p>TD-08-25° Part No. 341.0492</p>	<p>Flow rate: 19,6 l/min, recoil force: 226 N</p> <p>4 nozzles form 21 LL Ø 0,40 mm PN 344.2105 <i>and</i> 2 dummy nozzles PN 344.2100</p>
		<p>Flow rate: 18,6 l/min, recoil force: 214 N</p> <p>3 nozzles form 21 LL Ø 0,45 mm PN 344.2106 <i>and</i> 3 dummy nozzles PN 344.2100</p>
		<p>Flow rate: 18,5 l/min, recoil force: 213 N</p> <p>2 nozzles form 21 LL Ø 0,55 mm PN 344.2108 <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!




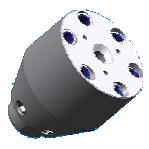
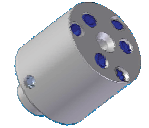

Turbo Nozzle TD 3000 for 2800 bar

Turbo Nozzle TD 3000		Operating Pressure 2800 bar
Rotary Joint	Nozzle Carrier Head	Nozzles Required
 <p>Pressure connection 9/16" - 18 UNF LH Part No. 011.0568</p> <p>Pressure connection M14x1,5 LH Part No. 011.0691</p>	 <p>TD-10-35° Part No. 341.0515</p>	<p>Flow rate: 9,5 l/min, recoil force: 108 N</p> <p>5 nozzles form 21 LL Ø 0,25 mm PN 344.2102</p>
	 <p>TD-06-30° Part No. 341.0487</p>	<p>Flow rate: 14,8 l/min, recoil force: 179 N</p> <p>3 nozzles form 21 LL Ø 0,30 mm (outer nozzle circle) PN 344.2103 <i>and</i> 3 nozzles form 21 LL Ø 0,25 mm (inner nozzle circle) PN 344.2102</p>
	 <p>TD-07-25° Part No. 341.0488</p>	<p>Flow rate: 11,9 l/min, recoil force: 144 N</p> <p>3 nozzles form 21 LL Ø 0,35 mm (outer nozzle circle) PN 344.2104 <i>and</i> 3 dummy nozzles PN 344.2100</p>
	 <p>TD-07-25° Part No. 341.0488</p>	<p>Flow rate: 21,7 l/min, recoil force: 264 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 0,40 mm (inner nozzle circle) PN 344.2105</p> <p><i>Not suitable for manually operated high-pressure water tools.</i></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!

Turbo Nozzle TD 3000 for 3000 bar

Turbo Nozzle TD 3000		Operating Pressure 3000 bar
Rotary Joint	Nozzle Carrier Head	Nozzles Required
 <p>Pressure connection 9/16" - 18 UNF LH Part No. 011.0568</p> <p>Pressure connection M14x1,5 LH Part No. 011.0691</p>	 <p>TD-09-35° Part No. 341.0514</p>	Flow rate: 8,4 l/min, recoil force: 103 N 4 nozzles form 21 LL Ø 0,25 mm PN 344.2102 <i>and</i> 2 dummy nozzles PN 344.2100
		Flow rate: 9,1 l/min, recoil force: 112 N 3 nozzles form 21 LL Ø 0,30 mm PN 344.2103 <i>and</i> 3 dummy nozzles PN 344.2100
	 <p>TD-06-30° Part No. 341.0487</p>	Flow rate: 15,4 l/min, recoil force: 192 N 3 nozzles form 21 LL Ø 0,25 mm (outer nozzle circle) PN 344.2102 <i>and</i> 3 nozzles form 21 LL Ø 0,30 mm (inner nozzle circle) PN 344.2103
		Flow rate: 12,3 l/min, recoil force: 154 N 3 nozzles form 21 LL Ø 0,35 mm (outer nozzle circle) PN 344.2104 <i>and</i> 3 dummy nozzles (inner nozzle circle) PN 344.2100
	 <p>TD-08-25° Part No. 341.0492</p>	Flow rate: 16,5 l/min, recoil force: 207 N 4 nozzles form 21 LL Ø 0,35 mm PN 344.2104 <i>and</i> 2 dummy nozzles PN 344.2100
		Flow rate: 16,1 l/min, recoil force: 203 N 3 nozzles form 21 LL Ø 0,40 mm PN 344.2105 <i>and</i> 3 dummy nozzles PN 344.2100
		Flow rate: 16,8 l/min, recoil force: 212 N 2 nozzles form 21 LL Ø 0,50 mm PN 344.2107 <i>and</i> 4 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!