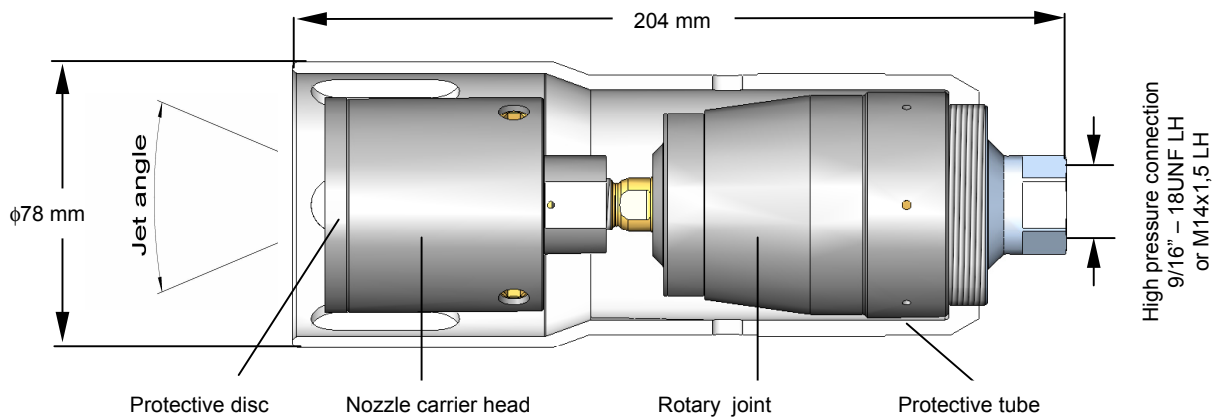


TURBO NOZZLE TD 1000



Description:

The TD 1000 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.	1000 bar
Flow rate:		65 l/min
Medium temperature:	max.	+ 98°C
Speed:		3000 1/min \pm 500
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

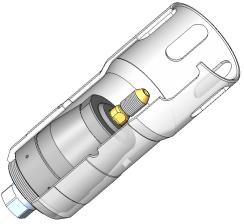
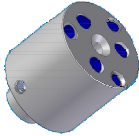
Accessories for HP750 Connecting adaptor

a9/16-18UNF LH - iG3/8" PN 010.9199

Suitable nozzles:

Form 21 LL

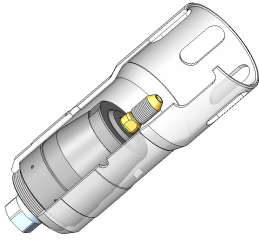
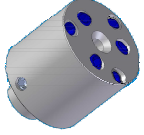
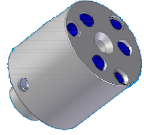
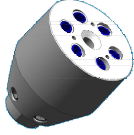
Turbo Nozzle TD 1000 for Ecotherm 500

Turbo Nozzle TD 1000		Operating Pressure 500 bar
Rotary Joint	Nozzle Carrier Head	Nozzles Required
 <p>Pressure connection 9/16" - 18 UNF LH Part No. 011.0566</p> <p>Pressure connection M14x1,5 LH Part No. 011.0689</p>	 <p>TD-06-30° Part No. 341.0487</p>	<p>Flow rate: 30 l/min; recoil force: 155 N</p> <p>3 nozzles form 21 LL Ø 0,85 mm (outer nozzle circle) PN 344.2114</p> <p><i>and</i></p> <p>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!

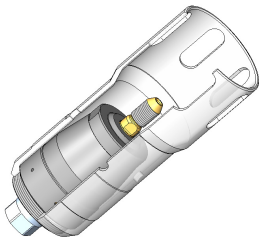
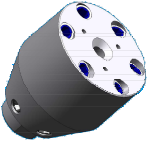
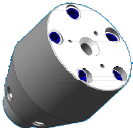
Turbo Nozzle TD 1000 for 750 bar

Turbo Nozzle TD 1000		Operating Pressure 750 bar
Rotary Joint	Nozzle Carrier Head	Nozzles Required
 <p>Pressure connection 9/16" - 18 UNF LH Part No. 011.0566</p> <p>Pressure connection M14x1,5 LH Part No. 011.0689</p>	 <p>TD-06-30° Part No. 341.0487</p>	Flow rate: 30,5 l/min, recoil force: 190 N 6 nozzles form 21 LL Ø 0,55 mm PN 344.2108
		Flow rate: 28 l/min, recoil force: 174 N 3 nozzles form 21 LL Ø 0,55 mm (outer nozzle circle) PN 344.2108 <i>and</i> 3 nozzles form 21 LL Ø 0,50 mm (inner nozzle circle) PN 344.2107
		Flow rate: 24,5 l/min, recoil force: 154 N 3 nozzles form 21 LL Ø 0,70 mm (outer nozzle circle) PN 344.2111 <i>and</i> 3 dummy nozzles (inner nozzle circle) PN 344.2100
		Flow rate: 36 l/min, recoil force: 229 N 6 nozzles form 21 LL Ø 0,60 mm PN 344.2109
	 <p>TD-07-25° Part No. 341.0488</p>	Flow rate: 36,5 l/min, recoil force: 230 N 3 nozzles form 21 LL Ø 0,55 mm (outer nozzle circle) PN 344.2108 <i>and</i> 3 nozzles form 21 LL Ø 0,65 mm (inner nozzle circle) PN 344.2110
		Flow rate: 28 l/min, recoil force: 179 N 3 nozzles form 21 LL Ø 0,75 mm (outer nozzle circle) PN 344.2112 <i>and</i> 3 dummy nozzles (inner nozzle circle) PN 344.2100
		Flow rate: 40 l/min, recoil force: 229 N 6 nozzles form 21 LL Ø 0,60 mm PN 344.2109
		Flow rate: 33 l/min, recoil force: 207 N 4 nozzles form 21 LL Ø 0,70 mm PN 344.2111 <i>and</i> 2 dummy nozzles PN 344.2100
	 <p>TD-08-25° Part No. 341.0492</p>	Flow rate: 32 l/min, recoil force: 203 N 3 nozzles form 21 LL Ø 0,80 PN 344.2113 <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!

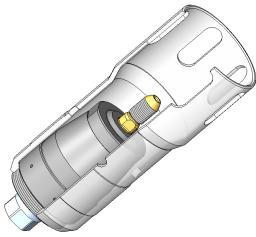
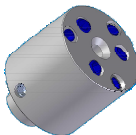
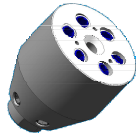
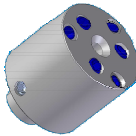
Turbo Nozzle TD 1000 for Ecotherm 800

Turbo Nozzle TD 1000		Operating Pressure 800 bar
Rotary Joint	Nozzle Carrier Head	Nozzles Required
	 <p>TD-09-35° Part No. 341.0514</p>	<p>Flow rate: 17 l/min, recoil force: 108 N</p> <p>6 nozzles form 21 LL Ø 0,40 mm PN 344.2105</p>
		<p>Flow rate: 18 l/min, recoil force: 113 N</p> <p>4 nozzles form 21 LL Ø 0,50 mm PN 344.2107 <i>and</i> 2 dummy nozzles form 21 PN 344.2100</p>
		<p>Flow rate: 17 l/min, recoil force: 110 N</p> <p>2 nozzles Form 21 LL Ø 0,70 mm PN 344.2111 <i>and</i> 4 dummy nozzles form 21 PN 344.2100</p>
	 <p>TD-10-35° Part No. 341.0515</p>	<p>Flow rate: 18 l/min; recoil force: 114 N</p> <p>5 nozzles form 21 LL Ø 0,45 mm PN 344.2106</p>
<p>Pressure connection 9/16" - 18 UNF LH Part No. 011.0566</p>		
<p>Pressure connection M14x1,5 LH Part No. 011.0689</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!

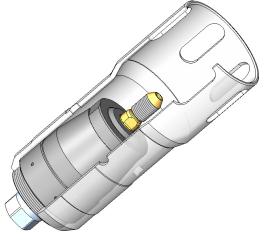
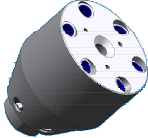
Turbo Nozzle TD 1000 for Ecocold 1000 with one Spraying Device

Turbo Nozzle TD 1000		Operating Pressure 1000 bar
Rotary Joint	Nozzle Carrier Head	Nozzles Required
 Pressure connection 9/16" - 18 UNF LH Part No. 011.0566 Pressure connection M14x1,5 LH Part No. 011.0689	 TD-06-30° Part No. 341.0487	Flow rate: 27 l/min, recoil force: 194 N 3 nozzles form 21 LL Ø 0,50 mm (outer nozzle circle) PN 344.2107 <i>and</i> 3 nozzles form 21 LL Ø 0,45 mm (inner nozzle circle) PN 344.2106
	 TD-08-25° Part No. 341.0492	Flow rate: 29 l/min, recoil force: 212 N 3 nozzles form 21 LL Ø 0,70 mm PN 344.2111 <i>and</i> 3 dummy nozzles form 21 PN 344.2100
	 TD-07-25° Part No. 341.0488	Flow rate: 29,5 l/min; recoil force: 218 N 3 nozzles form 21 LL Ø 0,55 mm (outer nozzle circle) PN 344.2108 <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!

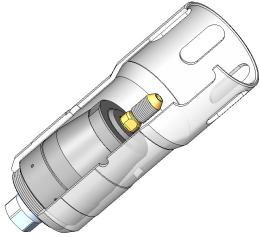
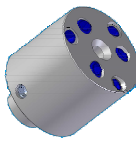
Turbo Nozzle TD 1000 for Ecocold 1000 with two Spraying Devices

Turbo Nozzle TD 1000		Operating Pressure 1000 bar
Rotary Joint	Nozzle Carrier Head	Nozzles Required
 Pressure connection 9/16" - 18 UNF LH Part No. 011.0566 Pressure connection M14x1,5 LH Part No. 011.0689	 TD-09-35° Part No. 341.0514	<p>Flow rate: 14,5 l/min, recoil force: 104 N 6 nozzles form 21 LL Ø 0,35 mm PN 344.2104</p>
		<p>Flow rate: 14,5 l/min, recoil force: 106 N 3 nozzles form 21 LL Ø 0,50 mm PN 344.2107 <i>and</i> 3 dummy nozzles form 21 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!

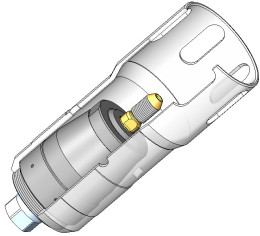
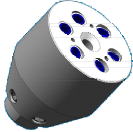
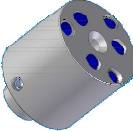
Turbo Nozzle TD 1000 for 1000 bar

Turbo Nozzle TD 1000		Operating Pressure 1000 bar
Rotary Joint	Nozzle Carrier Head	Nozzles Required
 <p>Pressure connection 9/16" - 18 UNF LH Part No. 011.0566</p> <p>Pressure connection M14x1,5 LH Part No. 011.0689</p>	 <p>TD-09-35° Part No. 341.0514</p>	<p>Flow rate: 15,5 l/min, recoil force: 112 N</p> <p>4 nozzles form 21 LL Ø 0,45 mm PN 344.2106 <i>and</i> 2 dummy nozzles PN 344.2100</p>
		<p>Flow rate: 14,5 l/min, recoil force: 103 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: 16,4 l/min, recoil force: 116 N</p> <p>2 nozzles form 21 LL Ø 0,65 mm PN 344.2110 <i>and</i> 4 dummy nozzles PN 344.2100</p>
	 <p>TD-06-30° Part No. 341.0487</p>	<p>Flow rate: 29,5 l/min, recoil force: 189 N</p> <p>3 nozzles form 21 LL Ø 0,45 mm (outer nozzle circle) PN 344.2106 <i>and</i> 3 nozzles form 21 LL Ø 0,50 mm (inner nozzle circle) PN 344.2107</p>
		<p>Flow rate: 30 l/min, recoil force: 218 N</p> <p>3 nozzles form 21 LL Ø 0,40 mm (outer nozzle circle) PN 344.2105 <i>and</i> 3 nozzles form 21 LL Ø 0,60 mm (inner nozzle circle) PN 344.2109</p>
		<p>Flow rate: 21 l/min, recoil force: 151 N</p> <p>3 nozzles form 21 LL Ø 0,60 mm (outer nozzle circle) PN 344.2109 <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 1000 for 1000 bar

Turbo Nozzle TD 1000		Operating Pressure 1000 bar
Rotary Joint	Nozzle Carrier Head	Nozzles Required
 <p>Pressure connection 9/16" - 18 UNF LH Part No. 011.0566</p> <p>Pressure connection M14x1,5 LH Part No. 011.0689</p>	 <p>TD-08-25° Part No. 341.0492</p>	<p>Flow rate: 29 l/min, recoil force: 212 N</p> <p>6 nozzles form 21 LL Ø 0,50 mm PN 344.2107</p>
		<p>Flow rate: 28 l/min, recoil force: 203 N</p> <p>4 nozzles form 21 LL Ø 0,60 mm PN 344.2109 and 2 dummy nozzles PN 344.2100</p>
	 <p>TD-07-25° Part No. 341.0488</p>	<p>Flow rate: 28,5 l/min, recoil force: 207 N</p> <p>3 nozzles form 21 LL Ø 0,70 PN 344.2111 and 3 dummy nozzles PN 344.2100</p>
		<p>Flow rate: 29,5 l/min, recoil force: 196 N</p> <p>3 nozzles form 21 LL Ø 0,55 mm (outer nozzle circle) PN 344.2108 and 3 nozzles form 21 LL Ø 0,45 mm (inner nozzle circle) PN 344.2106</p> <p>Flow rate: 32 l/min, recoil force: 234 N</p> <p>3 nozzles form 21 LL Ø 0,50 mm (outer nozzle circle) PN 344.2107 and 3 nozzles form 21 LL Ø 0,55 mm (inner nozzle circle) PN 344.2108</p> <p>Flow rate: 29,5 l/min, recoil force: 196 N</p> <p>3 nozzles form 21 LL Ø 65 mm (outer nozzle circle) PN 344.2110 and 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!