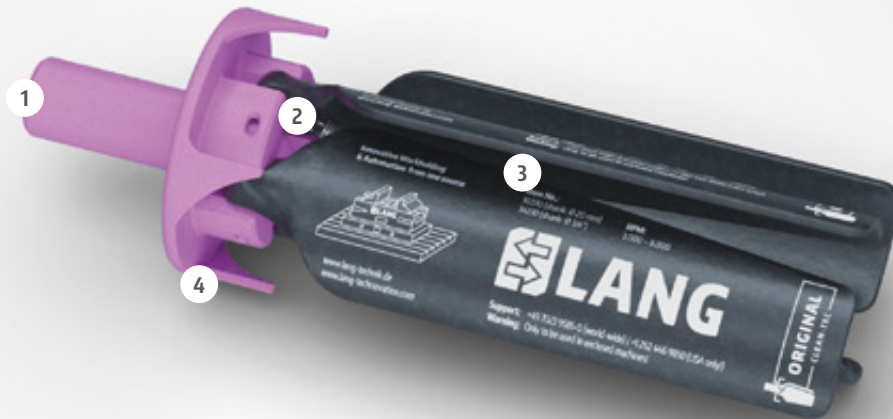


# Clean·Tec Technology



Save expensive compressed air – use Clean·Tec



- 1 Fibreglass compound body with steel centre core. Can be clamped in every common shank Ø 20 mm
- 2 Rigid retaining spring for the secure folding of blades after the cleaning process
- 3 Strong and wear-resistant carbon fibre wings for best durability – even with tough chipping
- 4 Slim design for space-saving storage in the tool magazine



**WITH EVERY CLEAN·TEC FAN SOLD, 2 EUROS WILL BE DONATED TO THE "HERZ FÜR KINDER"-FOUNDATION.**

Learn more on page 135



The Clean·Tec wings open and close automatically by switching the machine tool spindle on and off.

## Use recommendations

### Acceleration

Turn clockwise to clean the parts. By rotating the spindle the wings will open. We recommend to accelerate in 2 stages:

**1. Accelerate to 2.000 RPM**

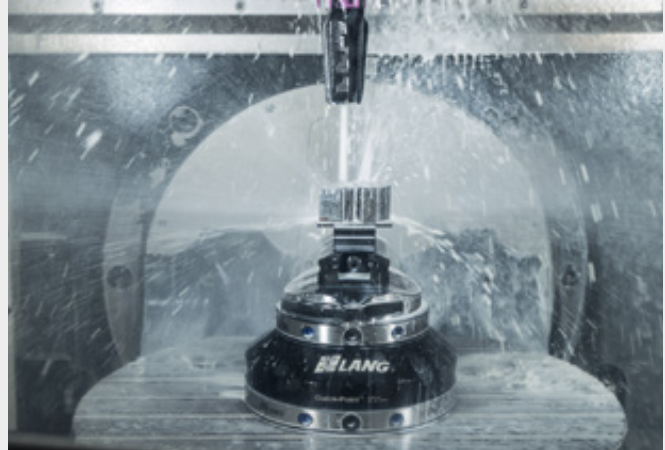
**2. Accelerate to the operating RPM**

(Clean·Tec works efficiently at 4.000 RPM already!)

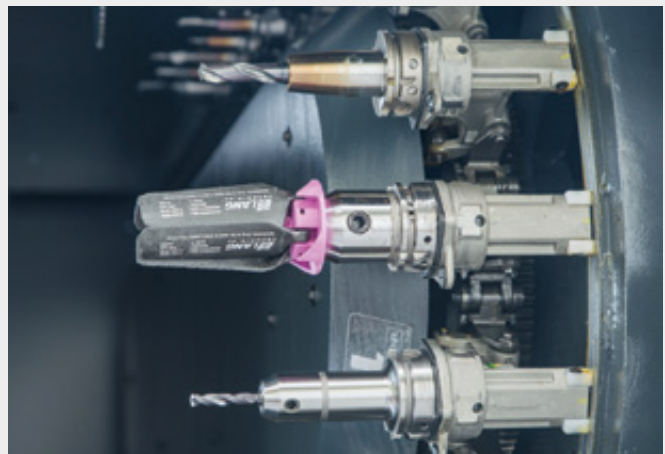
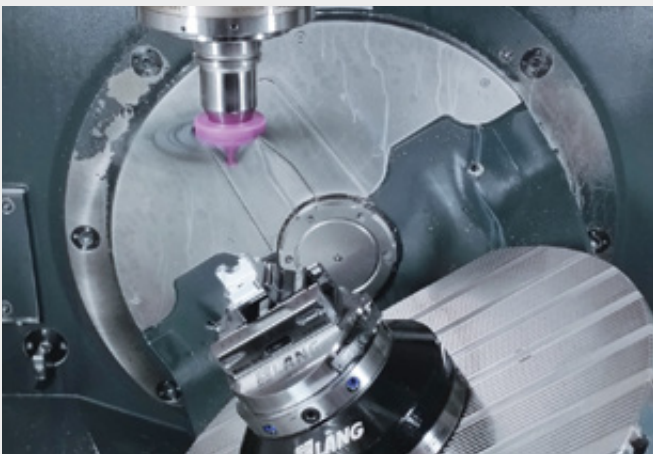


### Motion

Move the rotating fan with a distance of **100 – 150 mm** above the workpiece and apply a feed rate of **3 – 10 m/min**. Then return to the tool change position.



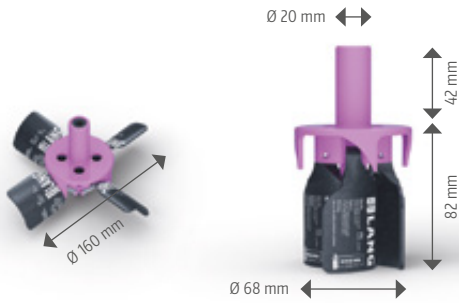
The design of Clean·Tec allows you to wash workpieces and fixtures using coolant – **with the machine spindle turned off and the Clean·Tec blades folded!** – This enhances the cleaning effect and makes perfect sense if pockets and bores are commonly packed with swarf and chips.



For smooth processes in automated, unmanned production Clean·Tec is a must-have! It is ideal for cleaning workpieces, fixtures and the machine table prior to an automatic unloading.

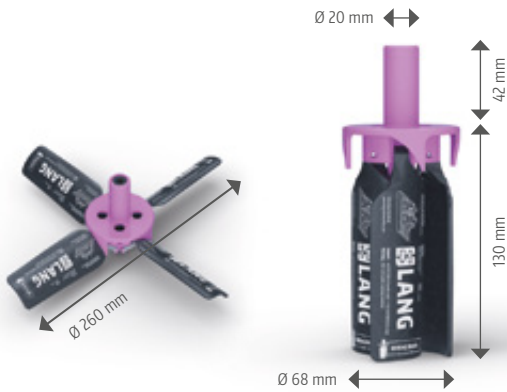
The Clean·Tec Cleaning Fan is stored just like a common tool in the tool magazine and selected automatically via a CNC program. Thanks to its compact design (only  $\varnothing$  68 mm) tool pockets neighboring the Clean·Tec's storage place can be equipped with other tools and don't have to be left empty.

# Clean·Tec Cleaning Fan



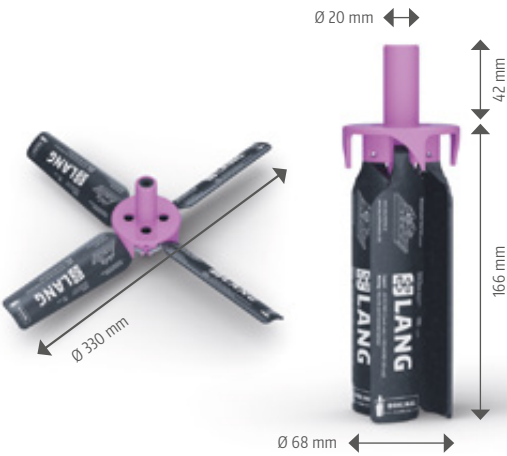
## CLEAN·TEC 160

ITEM NO.	Ø WITH OPEN WINGS	RPM RANGE	PRICE
30160	160 mm	6.000 – 12.000 RPM	



## CLEAN·TEC 260

ITEM NO.	Ø WITH OPEN WINGS	RPM RANGE	PRICE
30260	260 mm	5.000 – 8.000 RPM	



## CLEAN·TEC 330

ITEM NO.	Ø WITH OPEN WINGS	RPM RANGE	PRICE
30330	330 mm	3.000 – 8.000 RPM	



## SPARE PART KIT, 4 PCS. FIBREGLASS WINGS AND SPRINGS

ITEM NO.	FOR	PRICE
30164	30160	
30264	30260	
30334	30330	