

simple. gripping. future.



CLEANING FAN

158 Clean·Tec Cleaning Fan

Energy sector: Special procedures in the machining of workpieces require special needs for the clamping technology. This way many companies in the energy sector, in particular manufacturers of gas turbines, find the answer to their clamping problems at LANG. We offer solutions for the entire process – from the clamping of the blank piece to the automatic cleaning of the finished component.

lang-technik.de

Clean·Tec Cleaning Fan



Benefits



Applications



At a glance

- Quick and easy cleaning of workpieces, fixtures and machine tool tables
- No swarf and coolant outside the machine tool
- Saving expensive compressed air

Clean-Tec Cleaning Fan

Save expensive compressed air – use Clean-Tec!

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.

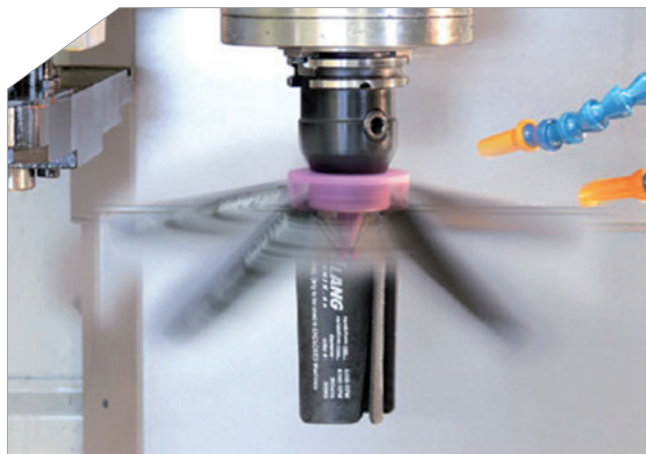
Turn clockwise to clean the parts. By revolving the spindle the wings will unfold. Please accelerate in 2 steps:
1. accelerate to 2,000 RPM
2. accelerate to required RPM (Clean-Tec works efficiently starting at 4,000 RPM already!)



1 Fibreglass compound body with steel centre core. Can be clamped in every common shank Ø 20 mm.

2 Rigid retaining springs for the secure folding of blades after the cleaning process.

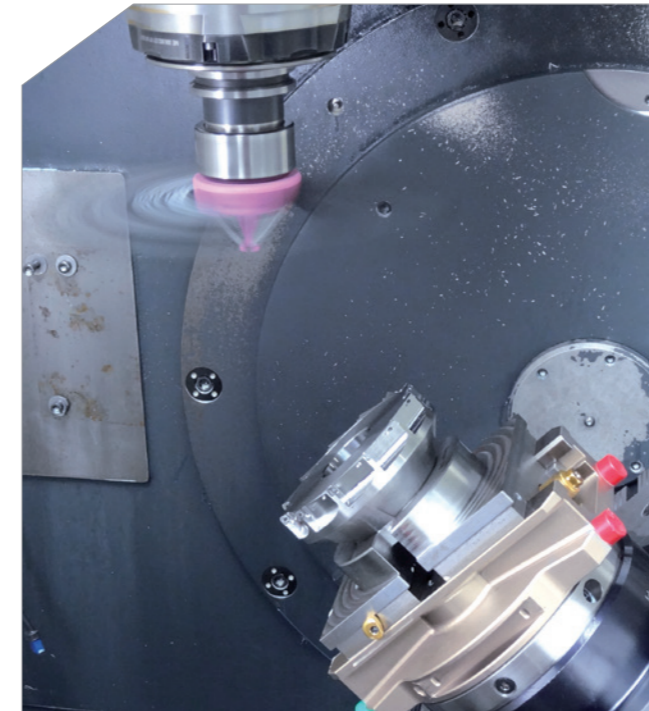
3 Strong and wear-resistant carbon fibre wings for best durability - even with tough chipping.



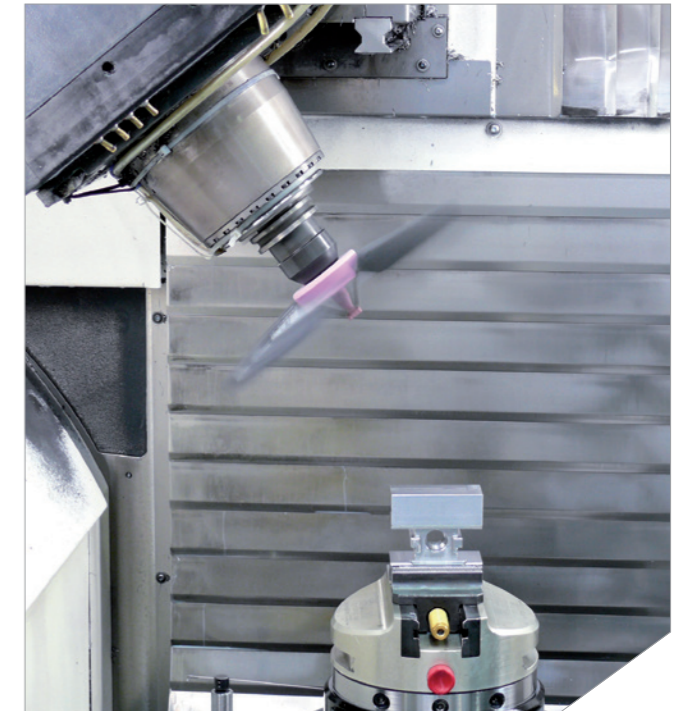
The Clean-Tec wings unfold and close automatically by switching the machine tool spindle on and off.

Clean-Tec Cleaning Fan

A "must-have" for automated manufacturing processes!



Ideal for cleaning workpieces prior to an automatic unloading.

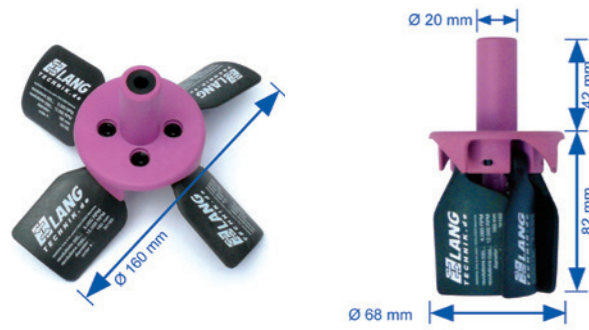


Workpieces and fixtures can be cleaned with coolant using the supply through the spindle.



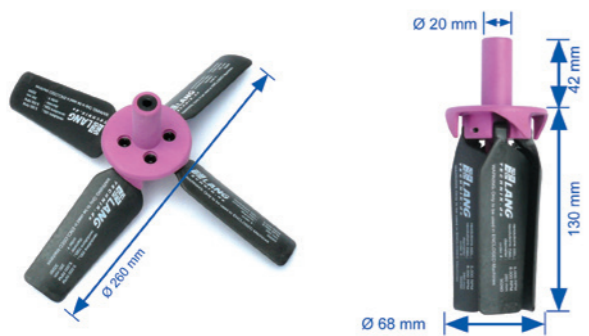
Clean-Tec is stored just like a common tool in the tool magazine and selected automatically via CNC programme.

Clean·Tec Cleaning Fan



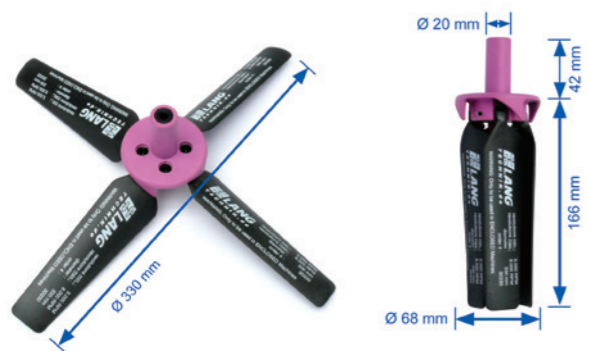
Clean·Tec 160

Item No.	Ø with unfolded wings	RPM range	Price
30160	160 mm	6.000 - 12.000 rpm	



Clean·Tec 260

Item No.	Ø with unfolded wings	RPM range	Price
30260	260 mm	5.000 - 8.000 rpm	



Clean·Tec 330

Item No.	Ø with unfolded 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	

LANG Technik supports “Bild hilft e.V. ,Ein Herz für Kinder“



Corporate vision is closely connected with social responsibility. As a family owned company, we strive to place some of the commercial success we have back into the community. The development and sponsorship of our children is very important, especially for our social and commercial future. For this reason, we have for years supported different projects that support and strengthen our next generations.

Along with sponsoring activities of local clubs and financially supporting social institutions, our company also engages in the “Ein Herz für Kinder” (campaign for children). “Ein Herz für Kinder” was founded 38 years ago by the Axel Springer Verlag.

With every Clean·Tec fan sold, 2 Euros will be donated to the “Herz für Kinder” foundation.

When you decide to purchase a Clean·Tec fan to clean your workpieces and workholding fixtures efficiently, you also help to contribute. A small donation will be made to where it is urgently needed.



38 years ago publisher Axel Springer “BILD hilft e.V.” founded “Ein Herz für Kinder”, first only as a campaign for more traffic safety. The special thing about it: every Euro cent gets distributed directly without any deduction to where the help is needed. With these donations needy children in Germany and across the entire world are assisted with the knowledge: you are not alone!

“Ein Herz für Kinder” creates hope and stands for universal, borderless and fast help. “Ein Herz für Kinder” supports for example soup kitchens, homes for children, schools, orphanages, kindergartens, organises presents for Christmas and clinics with

important medical care and machinery. This support also includes educations, preventions, sports programmes and carries over into other countries. For children that are sick and cannot get adequate treatment near home the Bild-Hilfsorganisation supports them with life-saving operations abroad.

Once a year the “Ein Herz für Kinder” Gala is broadcast live on ZDF where the individual projects are introduced and donations are requested.