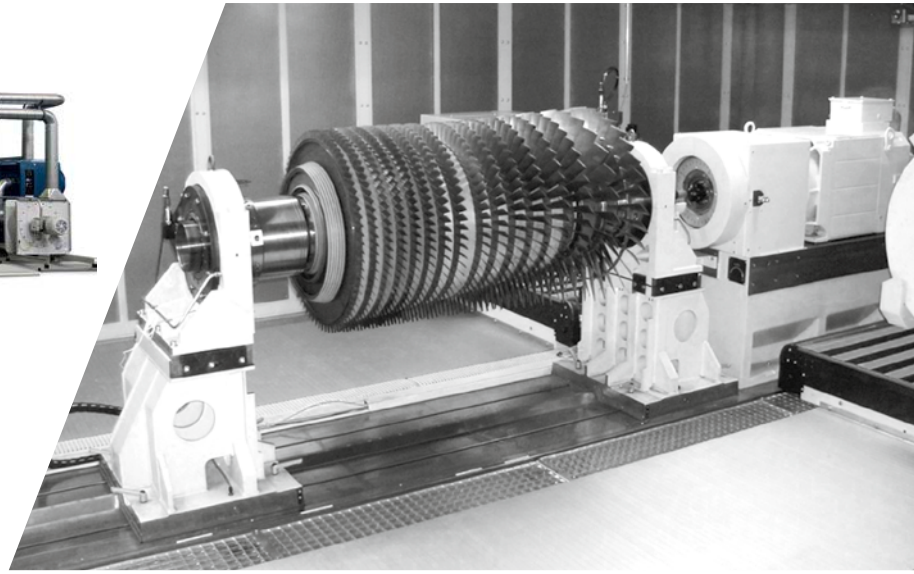
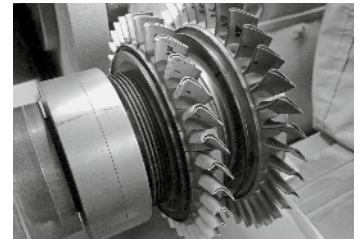
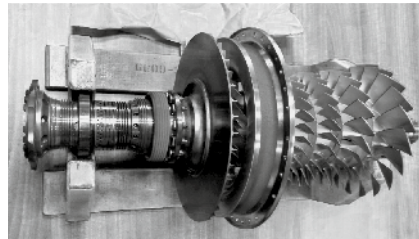
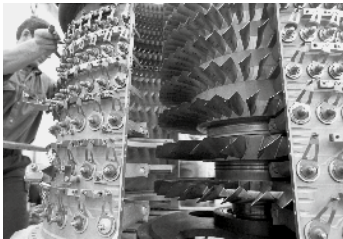


HIGH SPEED BLADE TIP GRINDER

GRINDING OF ENGINE ROTORS



WORK PIECES UP TO
 $\varnothing 500$ # $\varnothing 800$ # $\varnothing 1400$
 MAX. 2500 MM ROTOR LENGTH



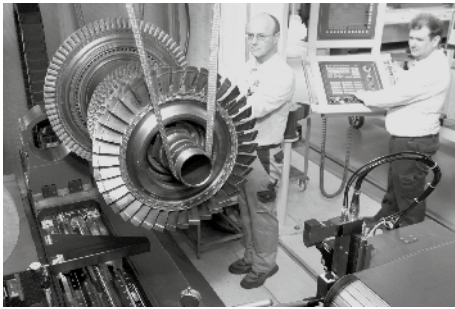
GRINDING OF BLADE TIPS FOR HPC AND HPT ROTORS

- ✓ Precise grinding, brushing and measuring
- ✓ In-process laser measurement (diameter + quantity of blade tips)
- ✓ Easy access for changing tools and work pieces
- ✓ Easy programming via parameter input

COMPACT & OPEN DESIGN FOR AN OPERATOR-FRIENDLY APPLICATION

HIGHLIGHTS HSG

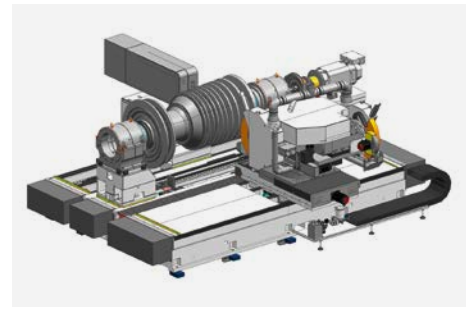
- ✔ Robust and low-vibration machine base
- ✔ Grinding support on adjustable indexing table to grind the required angles
- ✔ Laser measuring unit:
 - Measuring of stage diameter
 - Recording numbers of blades
- ✔ Stationary work piece. Grinding and measuring support are moving
- ✔ Complete enclosure:
 - Protection against external influences
 - Protection for operating personnel
 - Maintaining the process temperature
 - Protection against noise disturbance
- ✔ Low space requirement
- ✔ Control (Siemens or Fanuc)
- ✔ Additional aggregates:
 - Exhausting unit
 - Pneumatic system
 - Water chiller
 - Air-conditioner
 - Hydraulic unit
- ✔ Air-conditioned switch cabinet



Easy access during loading process



Clear control, monitoring and evaluation of the grinding process



Front view (without housing)

TECHNICAL DATA	HSG 500	HSG 800	HSG 1400
Max. swing diameter Ø	20.0" (500 mm)	31.5" (800 mm)	55.1" (1400 mm)
Max. rotor length	39.0" (1000 mm)	59.0" (1500 mm)	98.5" (2500 mm)
	Small engines	Medium engines	Large engines

- Examples of rotor types
- CF 34, CFM 56, CF 6, LEAP
 - GE 90, GE nx
 - V2500
 - Trent 900/1000, RB211, BR700
 - F101/108/110, F404/414
 - LM2500, LM6000
 - CJ 1000
 - T55, T700, RTM322, T64
 - PW 4000

GET IN TOUCH WITH US TODAY
TOGETHER WE WILL FIND A SOLUTION
FOR YOUR REQUIREMENTS

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