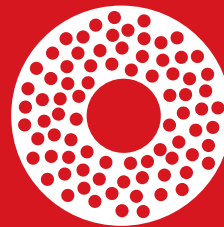


ARNOLD
GRUPPE 



**FIBER
OPTICS**

Mother preform elongation on PST



DT Specialty fibre DRAW TOWER



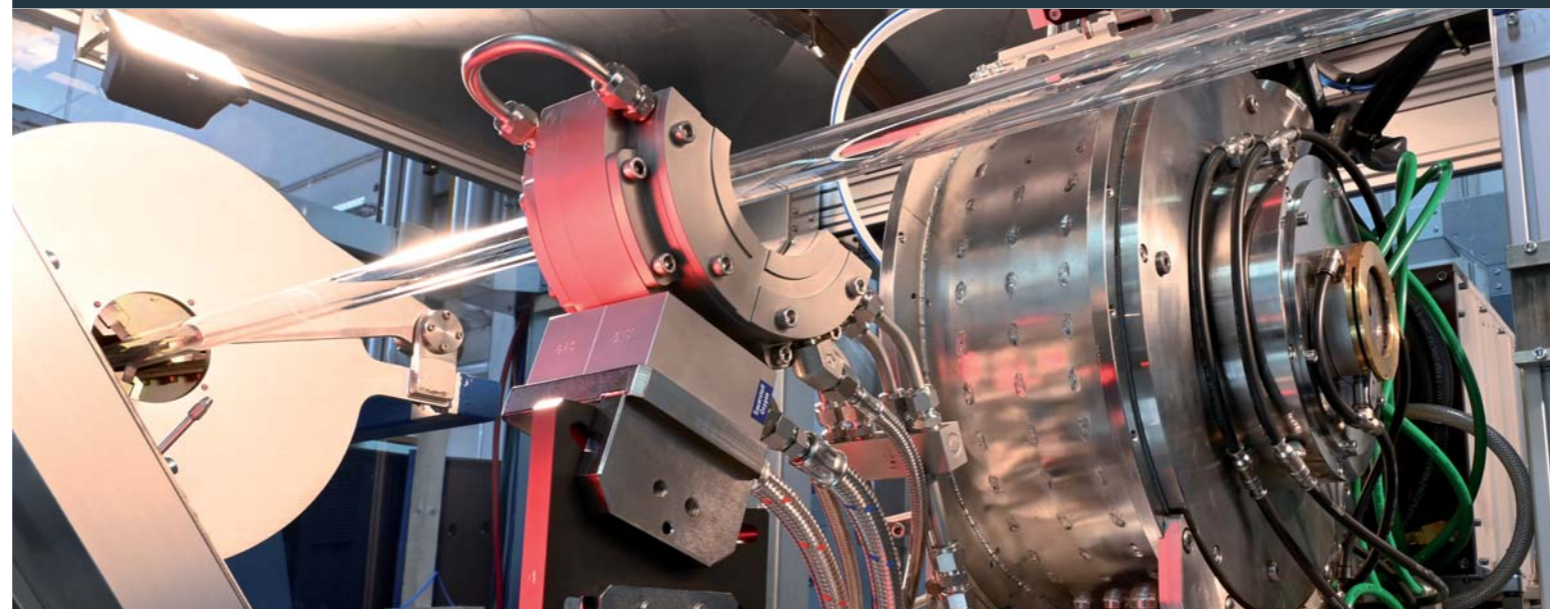
Customized MCVD system



Cutting machine



Customized FCVD system

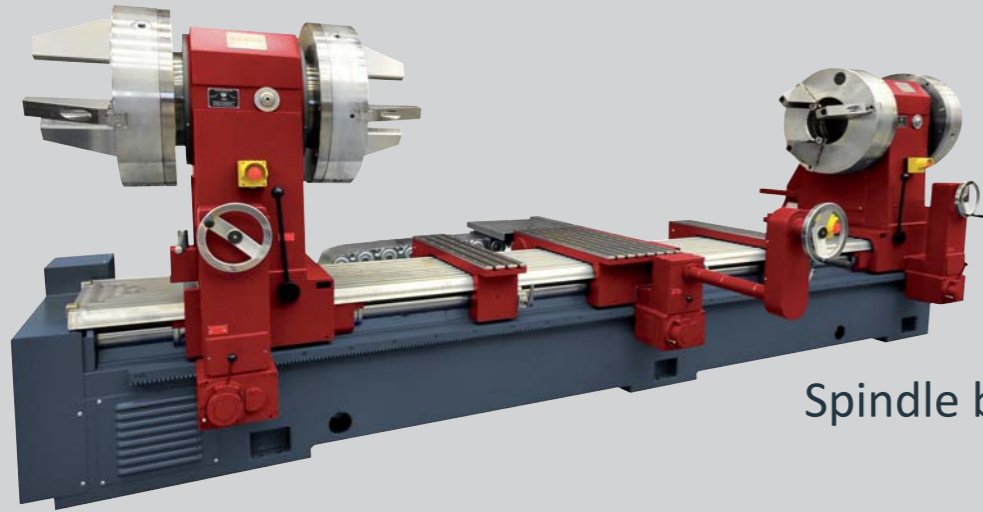


Preparation lathe





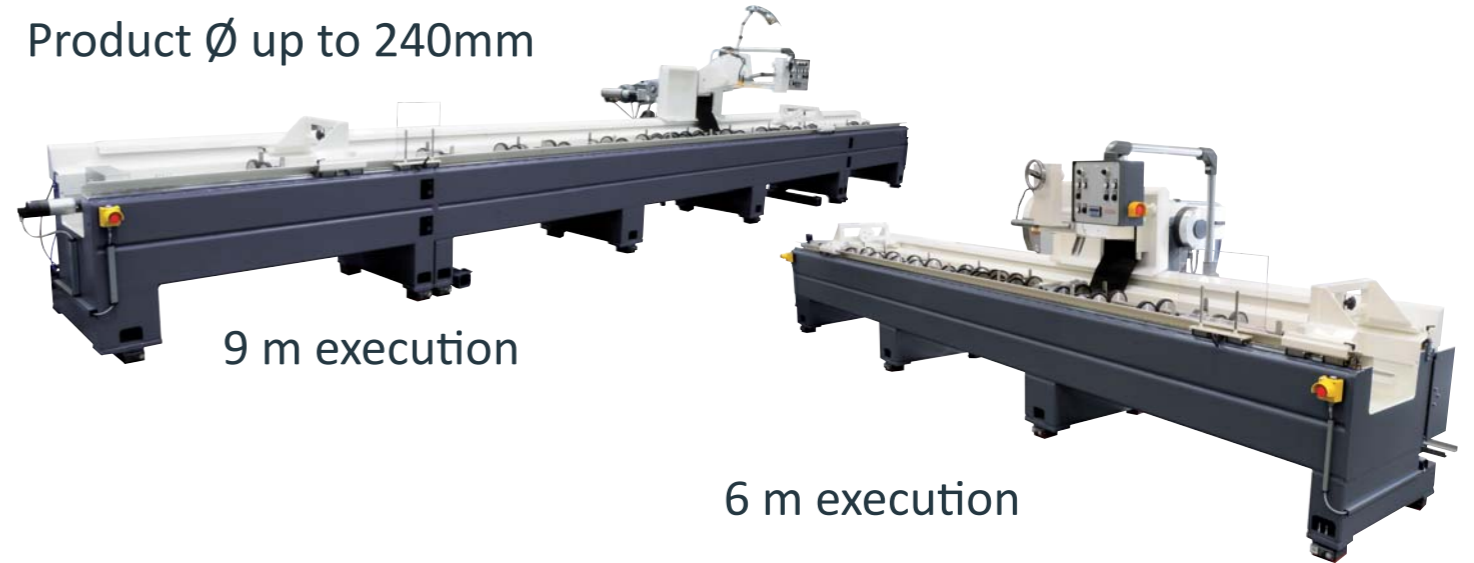
Large preform / RIC cylinder butting lathe



Spindle bore \varnothing 260

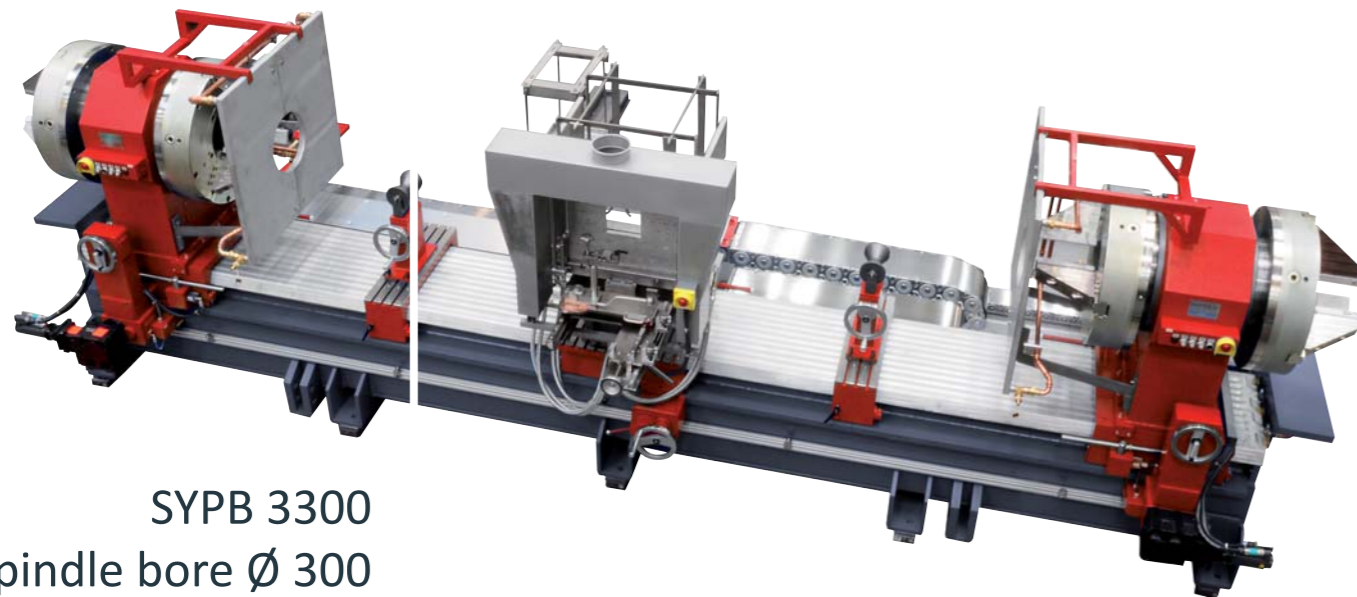
Preform and RIC cylinder cutting machines

Product \varnothing up to 240mm



9 m execution

6 m execution



SYPB 3300

Spindle bore \varnothing 300

RIC Cylinder grinding machine

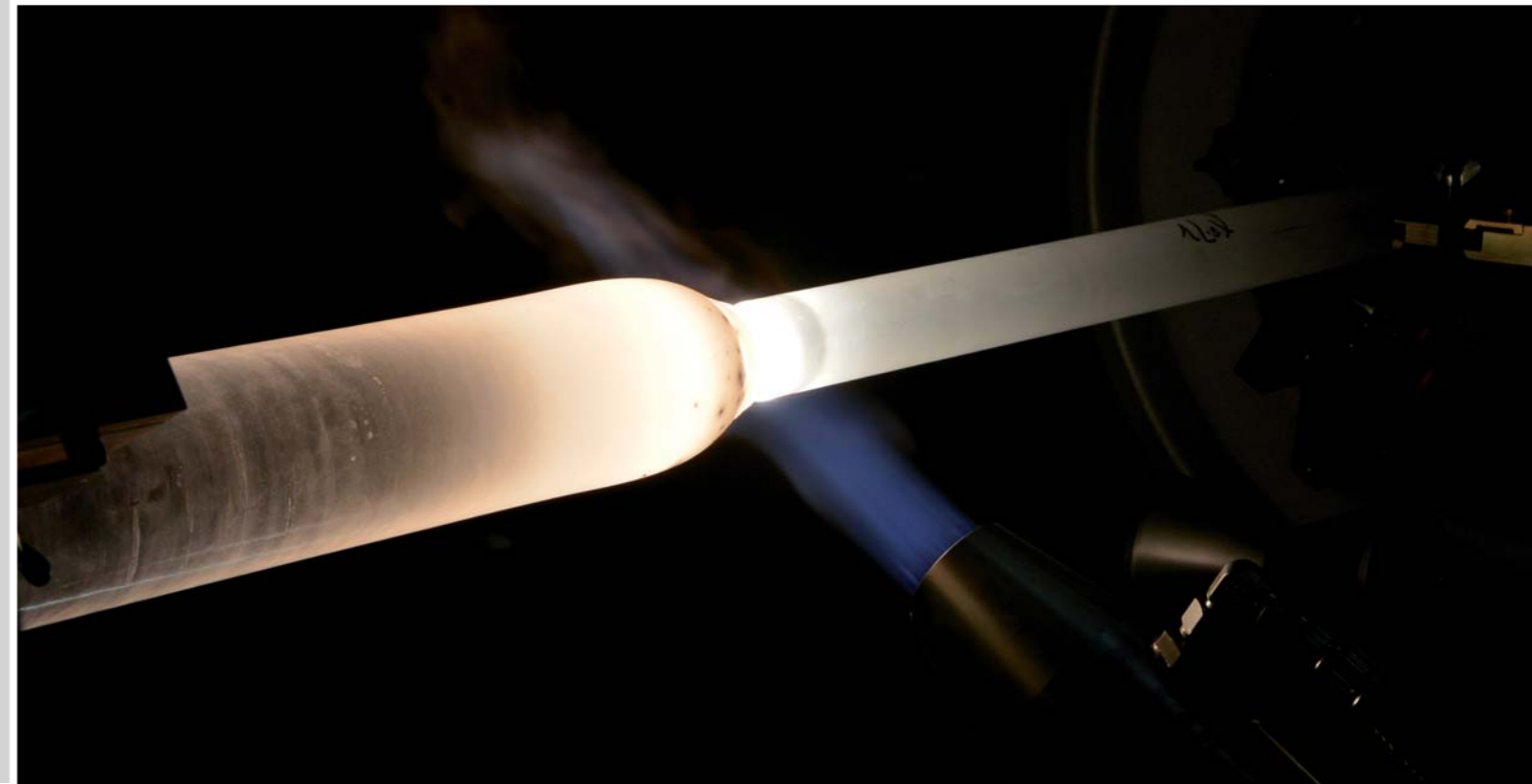
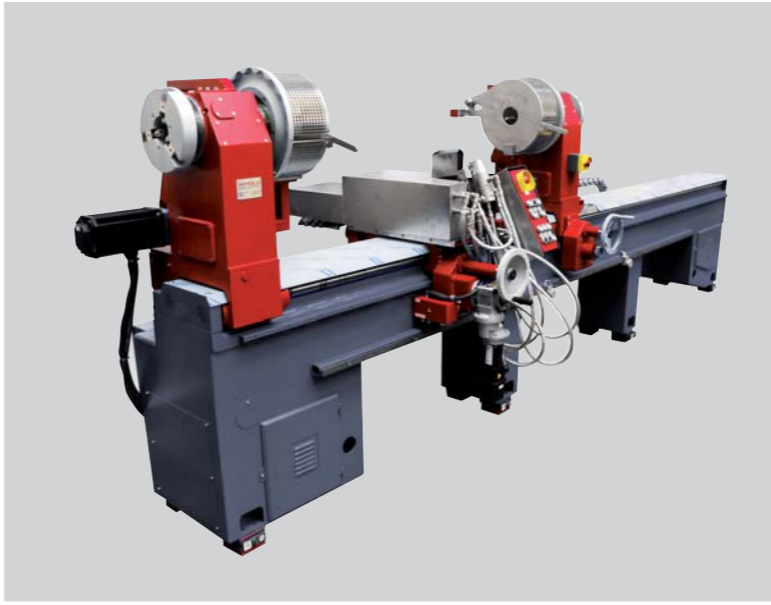
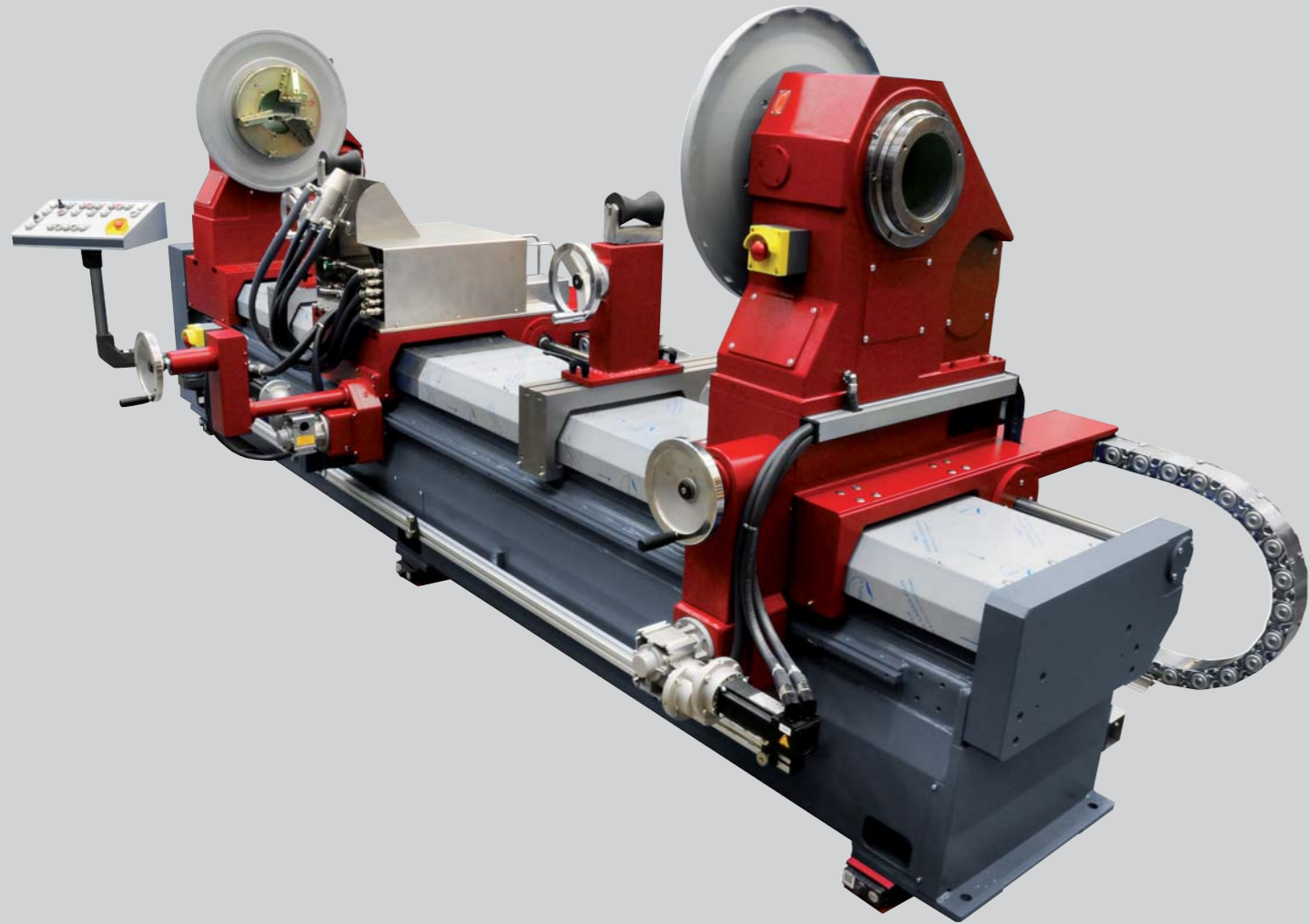


Outer chamfer
Inner chapter
Plane surface (vacuum)

TELECOMMUNICATION FIBER (WELDING & TAPERING APPLICATIONS)



Preform – Handle welding burner



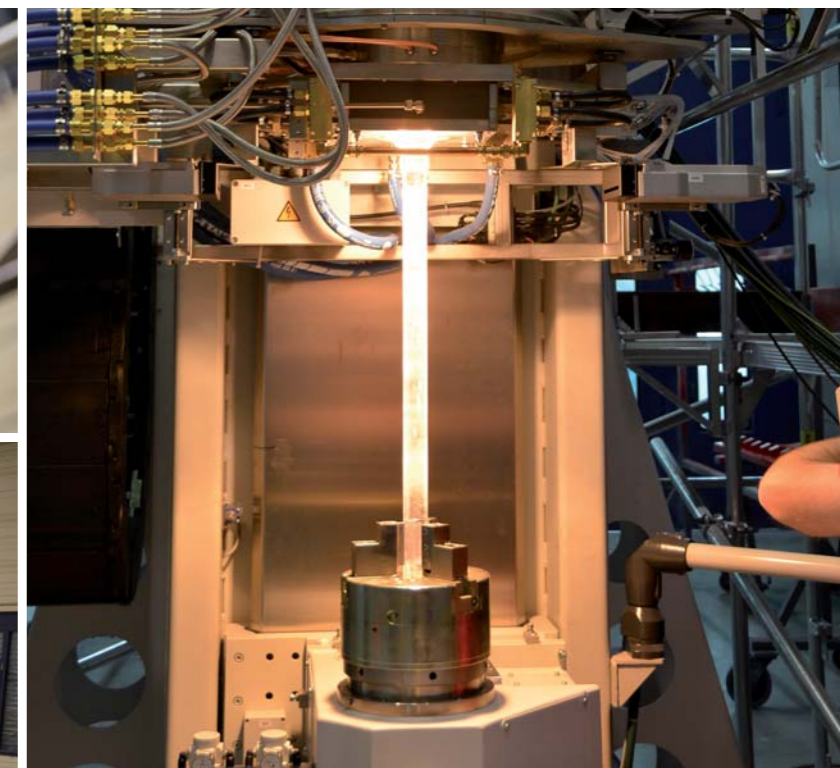
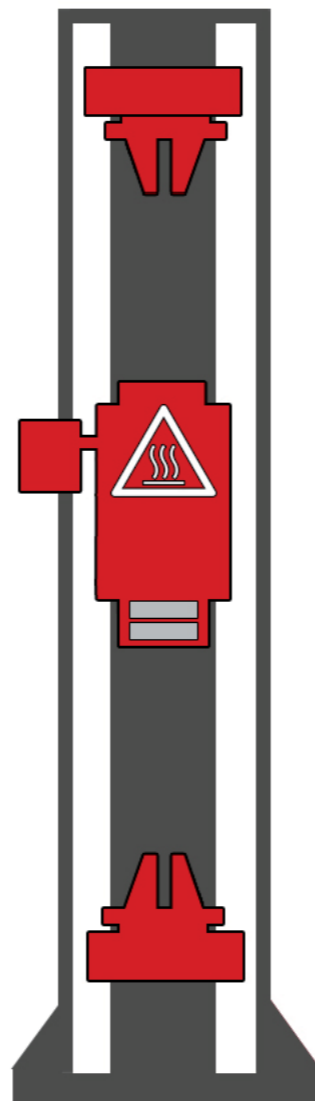
TELECOMMUNICATION FIBER (STRETCHING APPLICATIONS)



PST Mother Preform Stretching Tower



PST 11.8
PST 12.8



22.02.2018 06:51:25 PREFORM STRETCHING TOWER ARNOLD GRUPPE

Übersicht Scan vor dem Ziehen Kurve Ziehen Kurve Temperatur Kurve Ausleistung Achen Allgemein

Arbeitskopf		Zur Vorbelegung	
Ist	Soll	Theoretische Endposition Ziehen	100
###	###	Preformlänge	###
[mm]	[mm]	Ereichte Pos. an Preform mit Offset	###
[mm/min]	[mm/min]	Startposition Ziehen	###
		Startposition Aufheben	###
		Startposition Schwenken	###

Messdaten		Spindel	
Kopf 1	Kopf 2	Ist	Soll
###	###	###	###
[mm]	[mm]	[mm]	[mm]
Außer Mitte	Außer Mitte	[U/min]	[U/min]
Wert Karte	Wert Karte		
###	###		
[mm]	[mm]		
Durchmesser (> 0 geflart)	Durchmesser (> 0 geflart)		
###	###		

Process Parameter	
Soll - Durchmesser	[mm] ###
Abziehgeschwindigkeit	[mm/min] ###
Spindel Rotation	[U/min] ###
Temperatur Ziehen	[°C] ###
Produzerte Länge AKO	[mm] ###
Produzerte Länge OFSUP	[mm] ###

Kurve	Wert	X Wert
Set d(ame...	###	###
Furnace d...	###	###
Final dia...	###	###

Kurve Durchmesser Max Wert [mm] 100
Kurve Durchmesser Min Wert [mm] 0

Maschinenstatus
Not-Hal: Aktiv

Home Programm Hand Status Einstellungen Störung

TELECOMMUNICATION FIBER (STRETCHING APPLICATIONS)



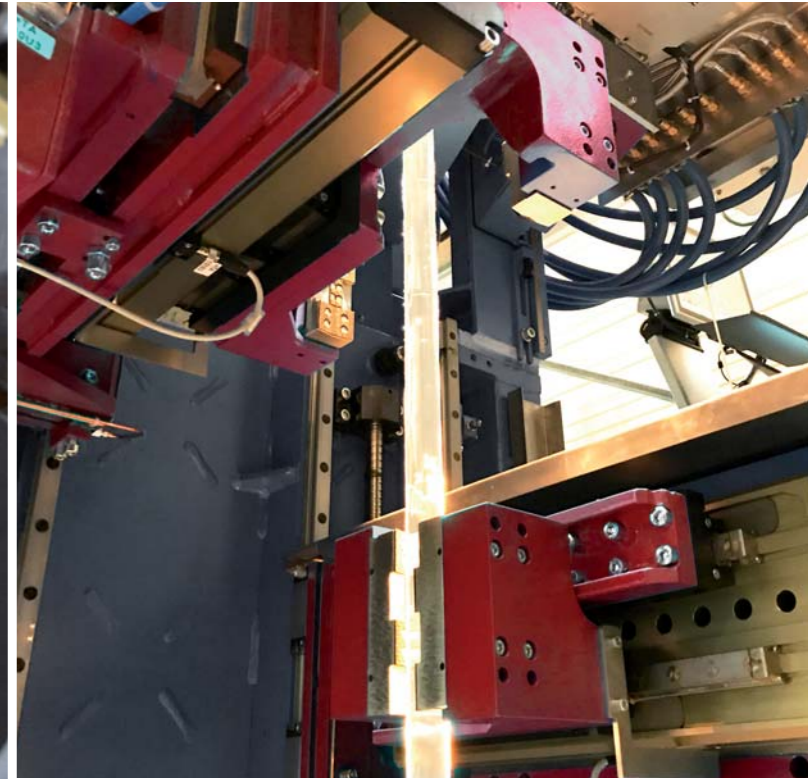
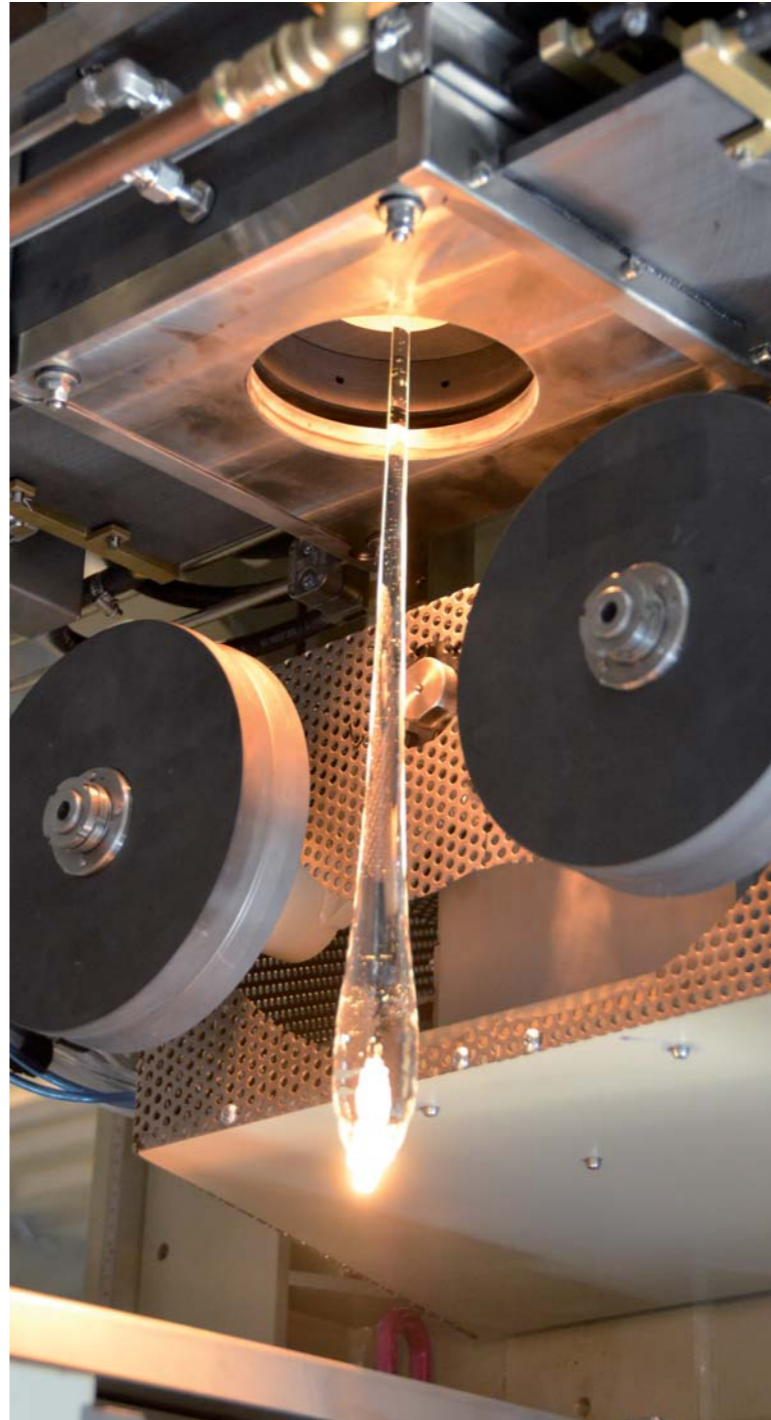
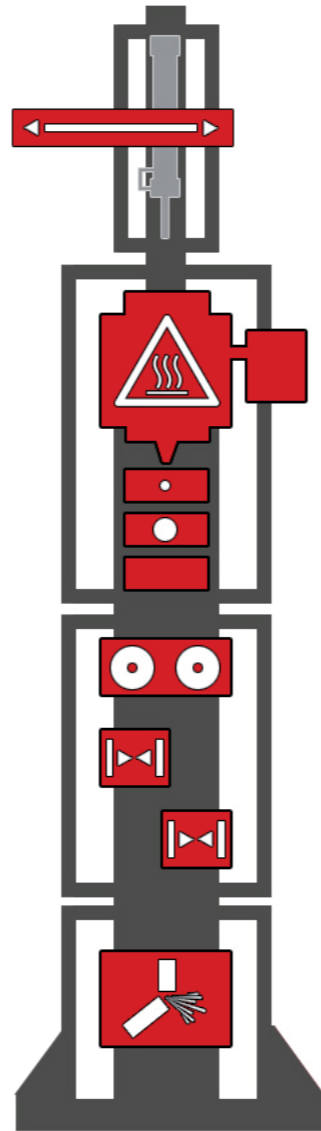
RDT Mother Preform Rod Draw Tower



Single sided execution



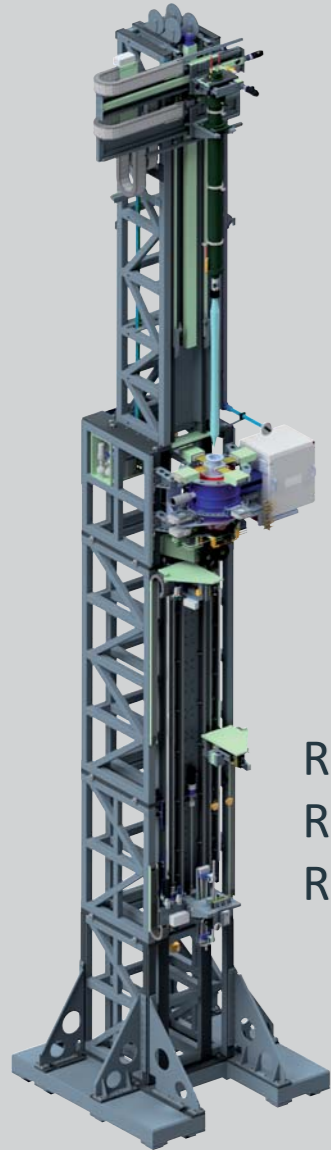
Double sided execution



12/31/2000 10:59:39 AM RDT DRAW TOWER GRUPPE

Overview		Curve diameter	Curve temperature	Curve torque	Diameter Preform	Operating hours
Enabling condition						
Feeding	MAN	Speed	0000.00 [mm/min]	Position	0000.00 [mm]	
Remaining preform length	0000.00 [mm]	FINAL OFF		Vacuum	+0000 [mbar]	
X-Direction	Diameter	Out of center	Position			
000.00 [mm]	000.00 [mm]	000.00 [mm]	0000.00 [mm]			
Y-Direction	000.00 [mm]	000.00 [mm]	0000.00 [mm]			
Furnace						
Temperature	0000 [°C]	Power	0000 [W]	Pressure	+0000 [mbar]	
000.0 [°C]	0000 [W]	0000 [mbar]				
Diameter inside the furnace	000.00 [mm]	Out of center	000.00 [mm]	PID OFF		
Shutter						
CLOSE	Upper shutter: 40mm hole	Diameter OK				
CLOSE	Middle shutter: 100mm hole					
CLOSE	Lower shutter: Closed plate					
Final diameter						
000.00 [mm]	Out of center	000.00 [mm]				
Guiding roller						
CLOSE	0.00 [Bar]					
Drawing gripper 23						
CLOSE	0.00 [Bar]	Speed	0000.00 [mm/min]	Position	0000.00 [mm]	Force
CLOSE	0.00 [Bar]	0000.00 [mm/min]	0000.00 [mm]	+000.00 [N]		
Drawing gripper 24						
CLOSE	0.00 [Bar]	Speed	0000.00 [mm/min]	Position	0000.00 [mm]	Force
CLOSE	0.00 [Bar]	0000.00 [mm/min]	0000.00 [mm]	+000.00 [N]		
Remaining length until cutting						
0000.00 [mm]						
Cutting gripper 24						
CLOSE	Cutting unit 24	Speed	0000.00 [mm/min]	Position	0000.00 [mm]	
CLOSE	Cutting unit air spring	0000.00 [mm/min]	0000.00 [mm]			
Cutting unit roller						
FORWARD	FORWARD	0.00 [Bar]				
Cutting unit pressure roller						
FORWARD	FORWARD	0.00 [Bar]	Position pressure roller	00.00 [mbar]	100.00 [mbar]	

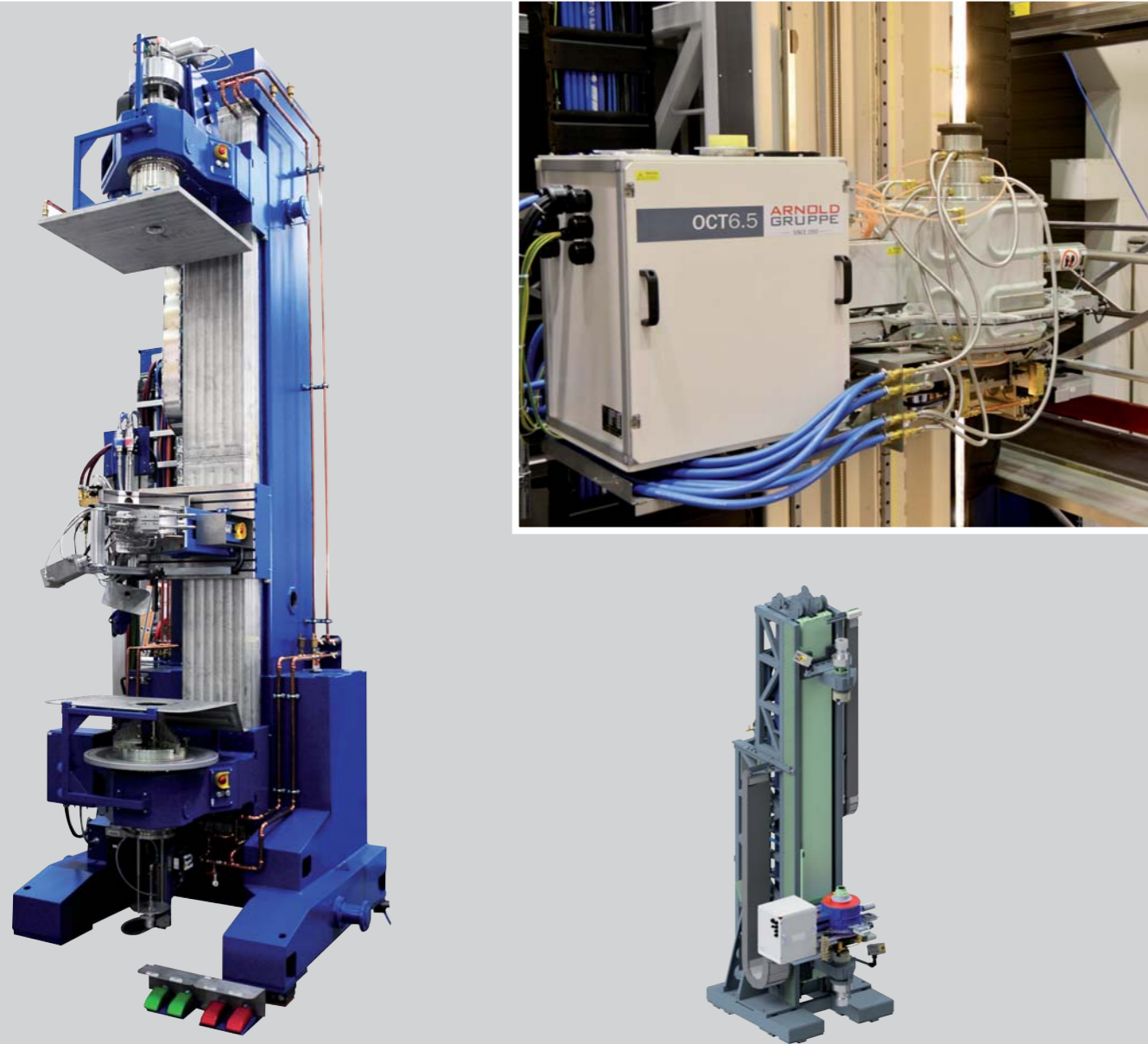
Machine status: Emergency Stop activ



RDT 12
RDT 13.6
RDTD 11.7

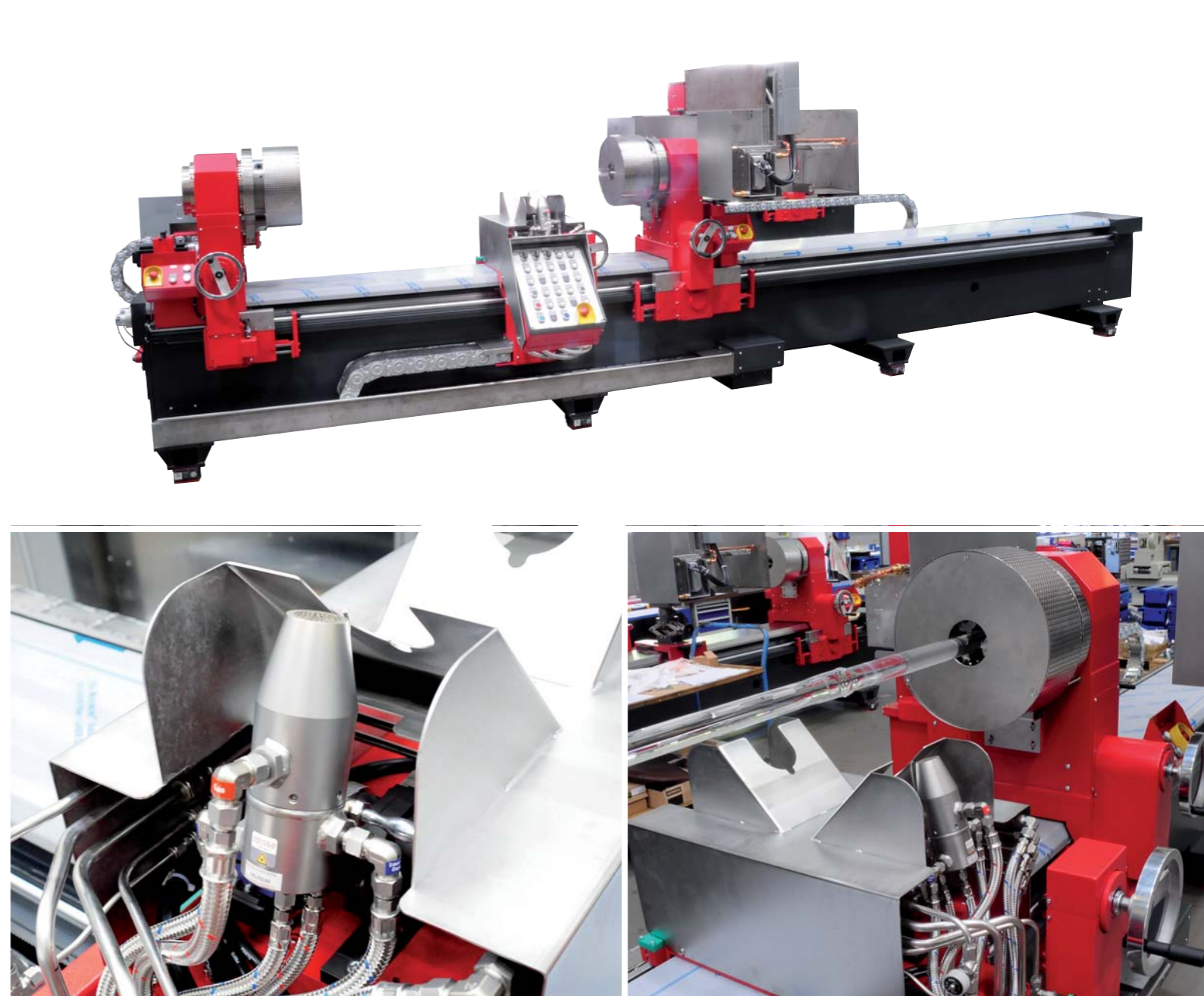
TELECOM. FIBER (COLLAPSE AND OVERCLADDING)

OCT Overcladding & Collapse Tower



TELECOMMUNICATION FIBER (HORIZONTAL STRETCHING)

CPS Corerod Precision Stretching

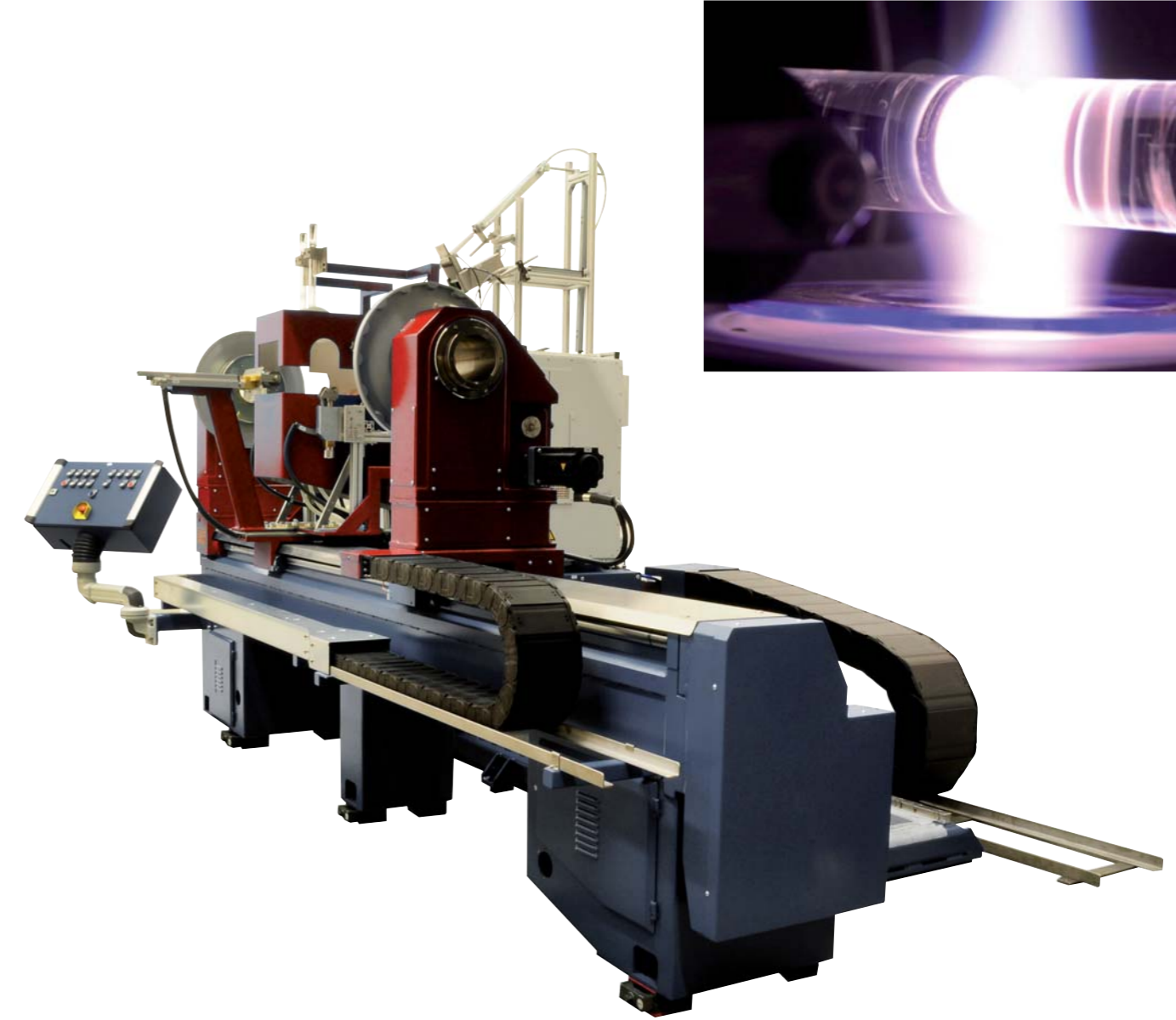




Customized lathes



Plasma lathes (30 kw and 50 kw)





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