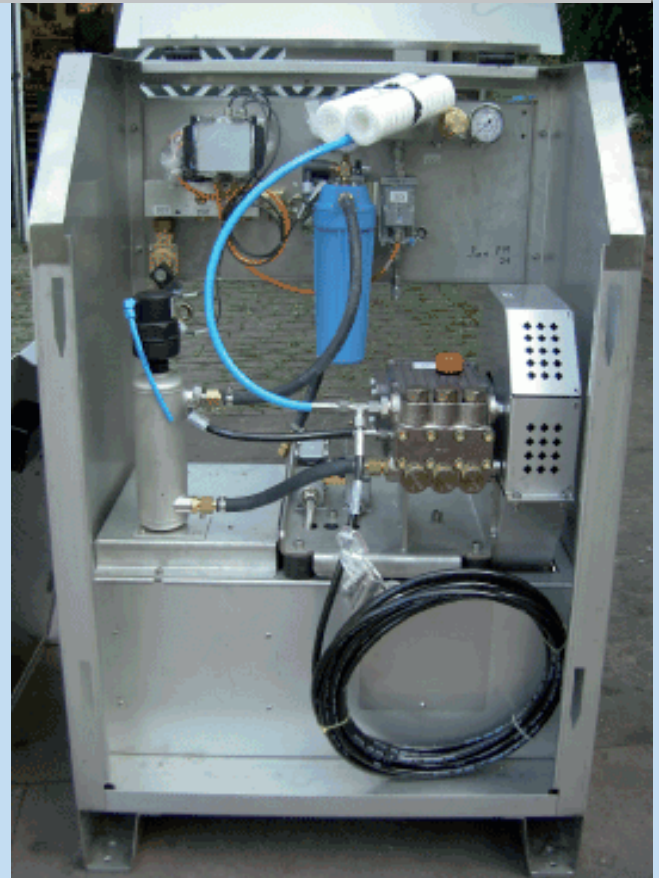
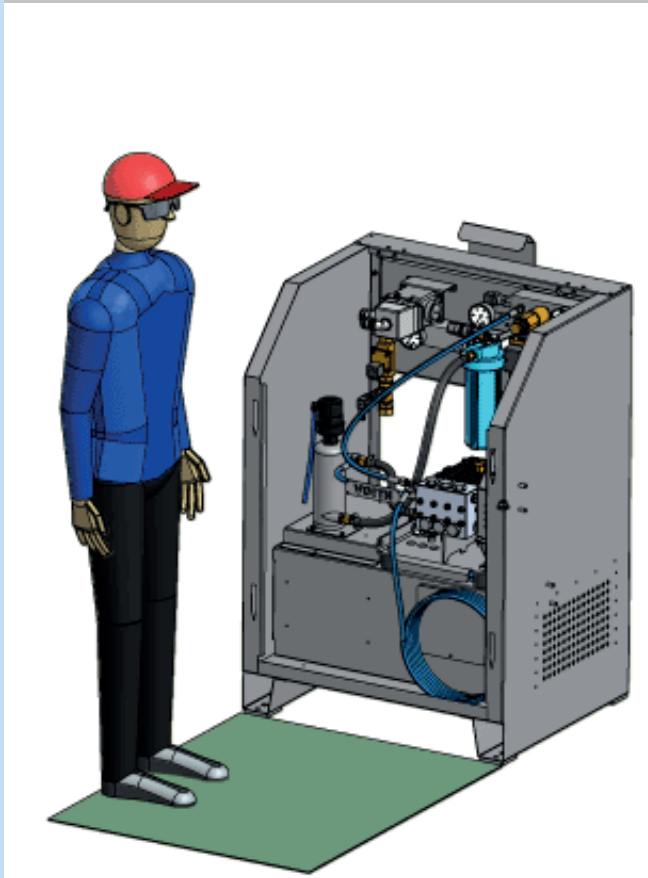


# Power Pack 350 bar

Power pack 350 bar

## 1. Power Pack 350 bar



## 2. spezifische Daten / specific data

pressure max	500 bar	350 bar	250 bar	200 bar
flow rate	16.0 l/min	17.8 l/min	21 l/min	21 l/min
power	11 kW (19,5 kW)	11 kW (15 kW)	11 kW (15 kW)	11 kW (15 kW )
size	b x t x h	b x t x h	800 x 665 x 1240 mm	
consumer	1, 2, 3, 4			
operation voltage	400 V / 50 Hz			
piston diameter	xx mm	18 mm		
stroke of the piston	20 mm	20 mm		
pressure control	remote control			
max. temperature	40 Grad Celsius			

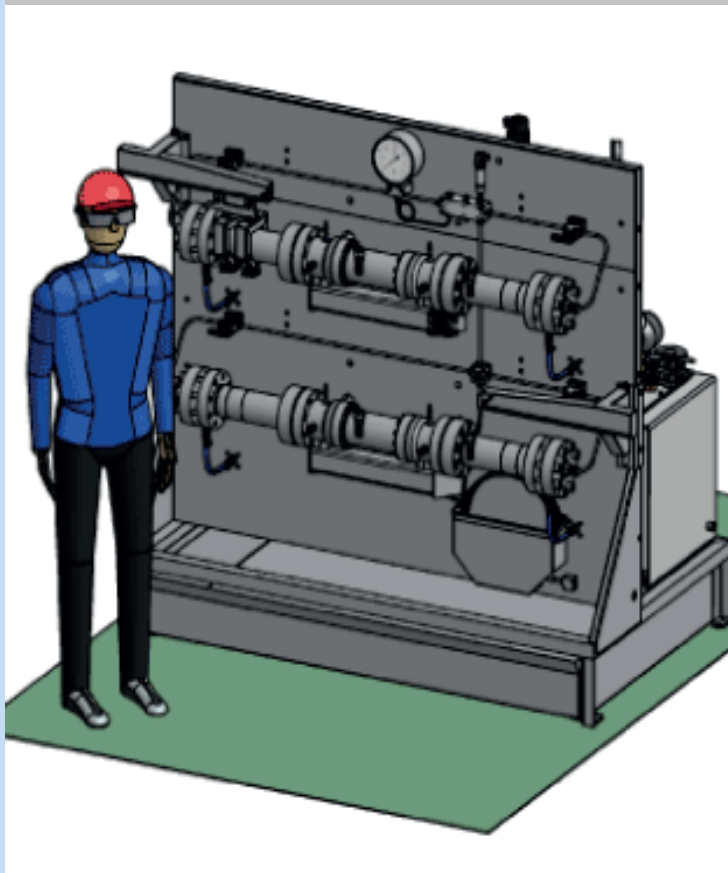
## 3. Application

- Cleaning System	- DC
- Cutting System	- PCS, WCS

# Power Pack 4000 bar

## redundant pump system

### 1. Power Pack 4000 bar



### 2. spezifische Daten / specific data

pressure	400 - 2000 bar	(3800 bar)
flow rate	3,8 l/min	
power	7.5 kW	
size	b x t x h	1800 x 1075 x 1820 mm
consumer	1, 2, 3, 4	
operation voltage	400 V / 50 Hz	460 V / 60 Hz
piston diameter	19 mm	
stroke of the piston	240 mm	
pressure control	remote control	
max. temperature	50 Grad Celsius	

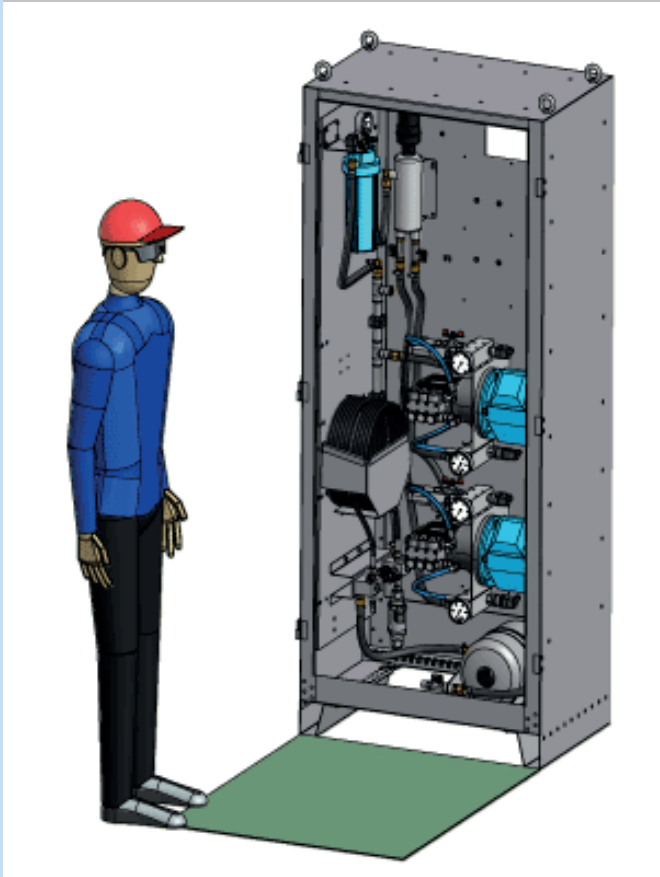
### 3. Application

- Cleaning System	-
- Cutting System	- PCS

# Power Pack 40 bar (130 bar)

Power pack 40 bar (130 bar)

## 1. Mon-, Twin-, Tripel Power Pack 40 bar



## 2. spezifische Daten / specific data

pressure max	40 bar (140 bar)	40 bar (140 bar)	40 bar (140 bar)
flow rate	4l/min	7 l/min	10l/min
power	0.9 kW	2.0 kW	3.0 kW
size	b x t x h	800 x 665 x 1240 mm	
consumer	1, 2, 3, 4		
operation voltage	400 V / 50 Hz	460 V / 60 Hz	
piston diameter	18 mm	18 mm	18 mm
stroke of the piston	3,4 mm	7 mm	10 mm
pressure control	remote control		
max. temperature	50 Grad Celsius		

## 3. Application

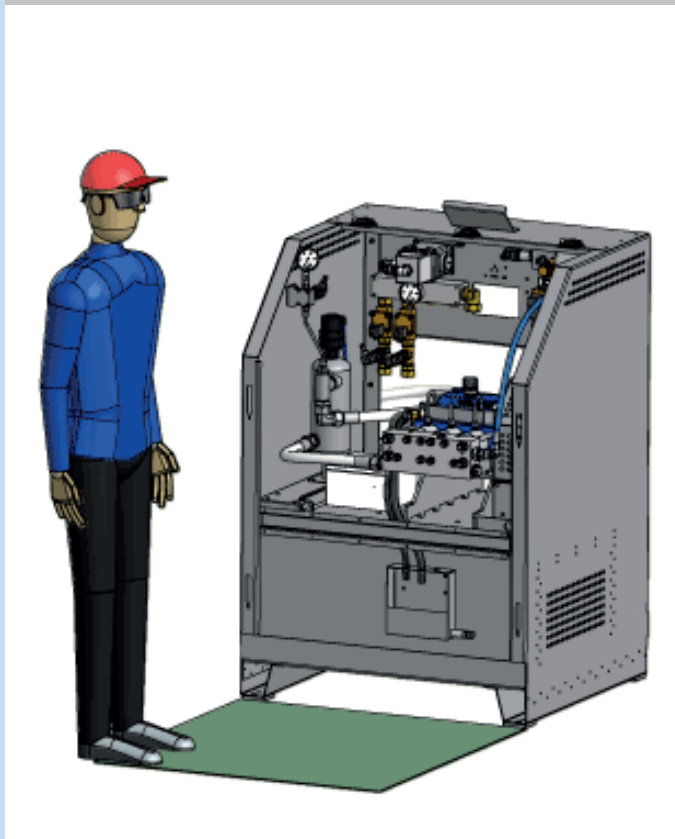
- Cleaning System	- DC
- Cutting System	- PCS, WCS



# Power Pack 520 bar (640 bar)

Power pack 520 bar (640 bar)

## 1. Power Pack 500 bar - P3



## 2. spezifische Daten / specific data P3

pressure max	520 bar (640 bar)	600 bar (600 bar) Ceramic !
flow rat max	33 l/min	26 l/min
power	37 kW (45 kW AllenBradly)	30 kW (37 kW AllenBradly)
size	b x t x h 839 x 925 x 1890 mm	
consumer	1, 2, 3, 4	
operation voltage	400 V / 50 Hz, 460 V / 60 Hz	
piston diameter	20 mm	18 mm
stroke of the piston	36 mm	36 mm
pressure control	remote control	
max. temperature	40 Grad Celsius with heatexchanger 60 Grad Celsius	

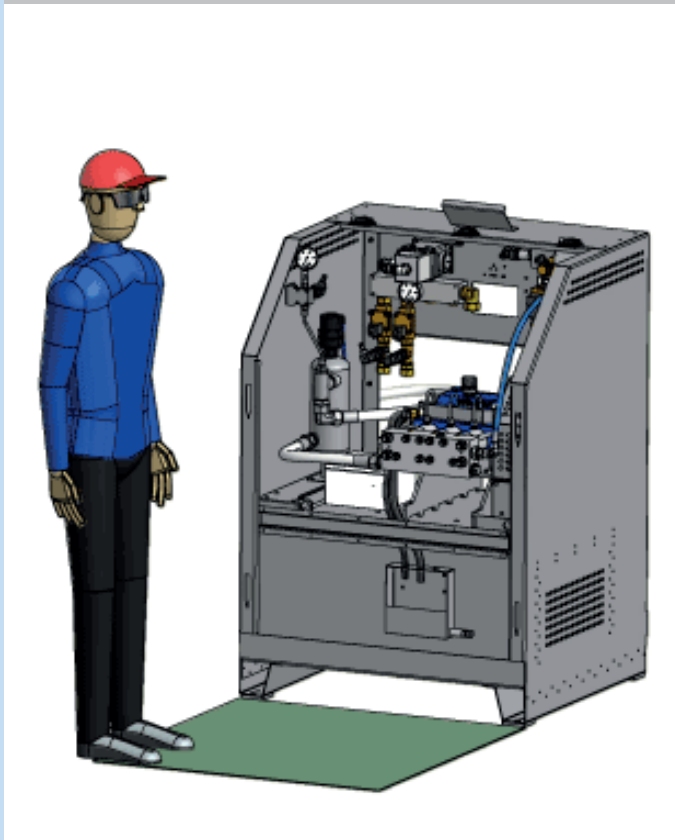
## 3. Application

- Cleaning System	- DC
- Cutting System	- PCS, WCS

# Power Pack 520 bar (600 bar)

Power pack 520 bar (600 bar)

## 1. Power Pack P55-600 bar P55-400 bar



## 2. spezifische Daten / specific data P55-600 bar P55-400 bar

pressure	600 bar (800 bar) P continuously ( Pmax)	520 bar (600 bar) P continuously ( Pmax)	400 bar (350 bar) P continuously ( Pmax)
flow rate max	26 l/min	23 l/min	37 l/min
speed rpm	1050 1/min	900 1/min	45 l/min
power	37 kW (45 kW AllenBradly)		
size	b x t x h 839 x 925 x 1890 mm		
consumer	1, 2, 3, 4		
operation voltage	400 V / 50 Hz, 460 V / 60 Hz		
piston diameter	16 mm	20 mm	24 mm
stroke of the piston	46 mm	46 mm	46 mm
pressure control	remote control		
max. temperature	40 Grad Celsius wiht heat exchanger for gearbox and selas 80 Grad Celsius		

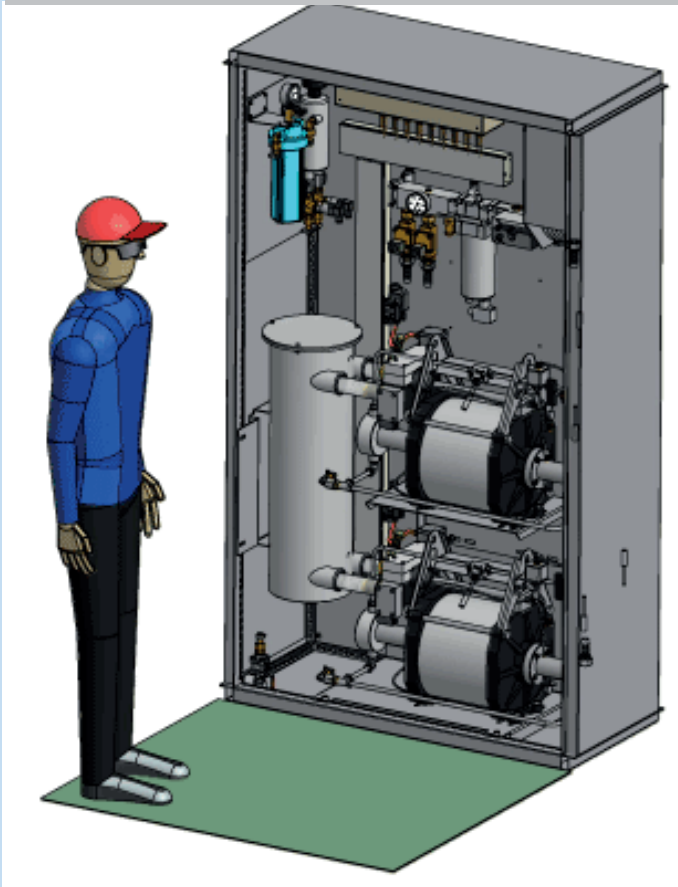
## 3. Application

- Cleaning System	- DC
- Cutting System	- PCS, WCS

# Power Pack redundant 1500 bar

Power pack redudant 1500 bar

## 1. DPD 200 , GX 170 , GX 100 redundant HP-aggregate



### 2. spezifische Daten / specific data

	1500 bar DPD 200	1000 bar GX 170	1000 bar GX 100
pressure max	1500 bar	1000 bar	1000 bar
flow rate	1.2 l/min - 1000 bar bei Luft: 6bar	2.2 l/min -- 800 bar 0.75 l/min - 1000 bar bei Luft: 6bar	1 l/min - 600 bar 2 l/min - 500 bar bei Luft:6 bar
power	Luftdruck 1-10 bar		
size	b x t x h 1200 x 500 x 2151 mm		
consumer	1, 2, 3, 4		
operation voltage	24 V	24V	24 V
piston diameter	18 mm	xx mm	yy mm
stroke of the piston	140 mm	xx mm	yy mm
pressure control	remote control		
max. temperature	70 Grad Celsius		

### 3. Application

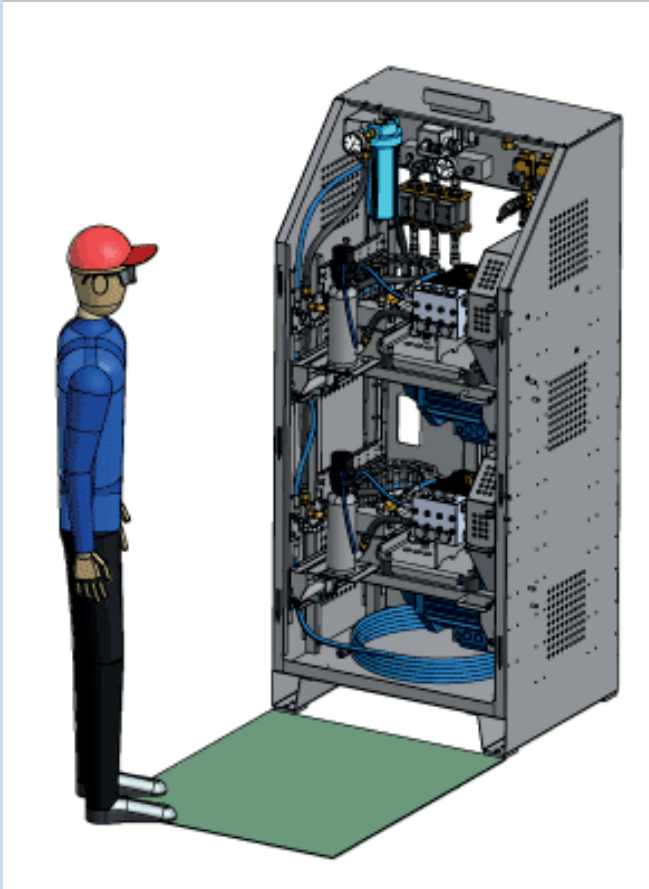
- Cleaning System	-
- Cutting System	- PCS



# Twin Power Pack 350 bar

Twin Power pack 350 bar

## 1. Power Pack 350 bar

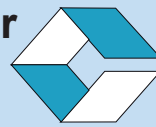


## 2. spezifische Daten / specific data

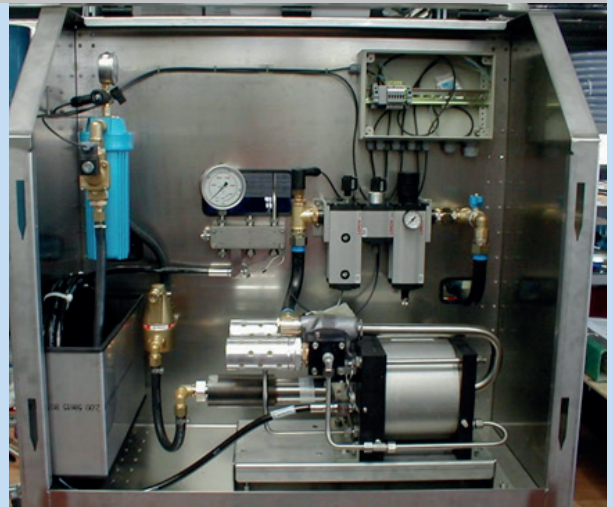
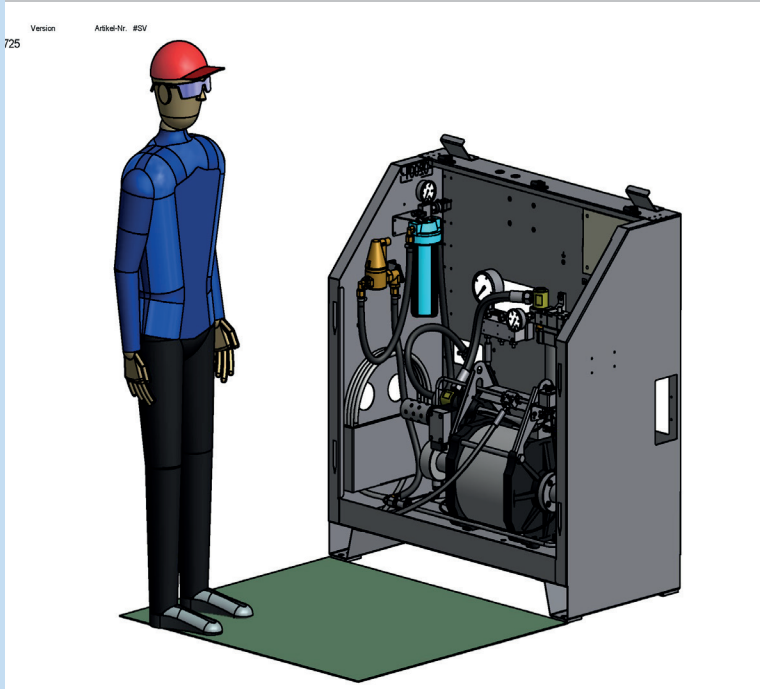
pressure max	350 bar		
flow rate	11,3l/min	16,1 l/min	21 l/min
power	7.5 kW	11 kW	15 kW
size	b x t x h	800 x 665 x 1240 mm	
consumer	1, 2, 3, 4		
operation voltage	400 V / 50 Hz	460 V / 60 Hz	
max. temperature	40 Grad Celsius		
piston diameter	18 mm		
stroke of the piston	20 mm		
pressure control	remote control		

## 3. Application

- Cleaning System	- DC
- Cutting System	- WCS, PCS



1. DPD 200 , GX 170 , GX 100 compact HP-aggregate



2. spezifische Daten / specific data

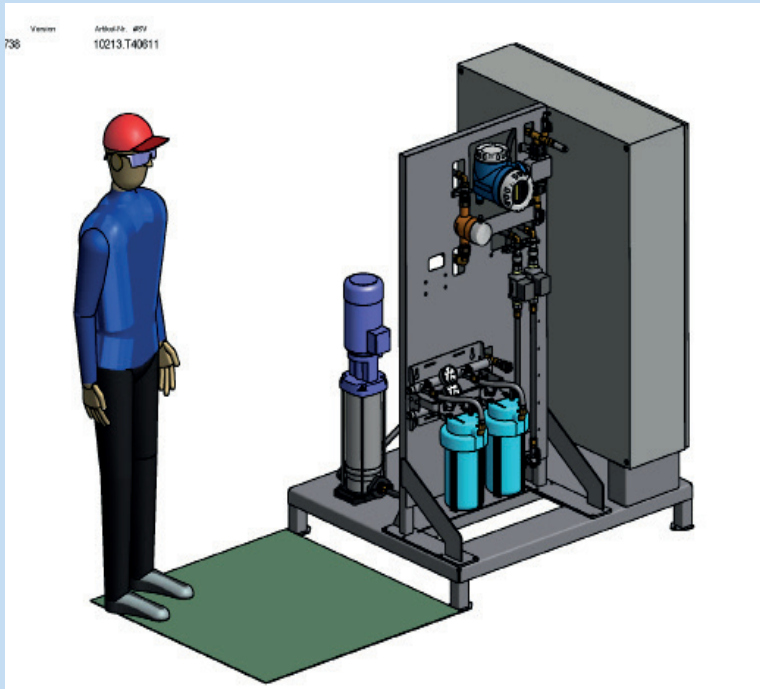
	<b>DPD 200</b>	<b>GX100</b>	<b>GX 170</b>
pressure max	1500 bar	800 bar	1000 bar
flow rate	1 l/min bei Luft: 8bar P=1500 bar 1.2 l/min bei Luft:6 bar P=1000 bar	1 l/min bei Luft: 8bar P=800 bar 1 l/min bei Luft:6 bar P=600 bar	2.6 l/min bei Luft: 8bar P=1000 bar 0.5 l/min bei Luft: 6bar P=1000 bar
power	1:227 (1- 10 bar Luft)	1:117 (1- 10 bar Luft)	1:170 (1-10 bar Luft)
size	b x t x h	1000 x 500 x 1060 mm	
consumer	1, 2, 3, 4		
voltage	400 V / 50 Hz	460 V / 60 Hz	
max. Temp.	70 Grad Celsius		
piston diam.	18 mm		
stroke piston	20 mm		
pressure control	remote control		

3. Application

- Cleaning System	-
- Cutting System	- PCS



### 1. Power Aggregat 1-10 bar



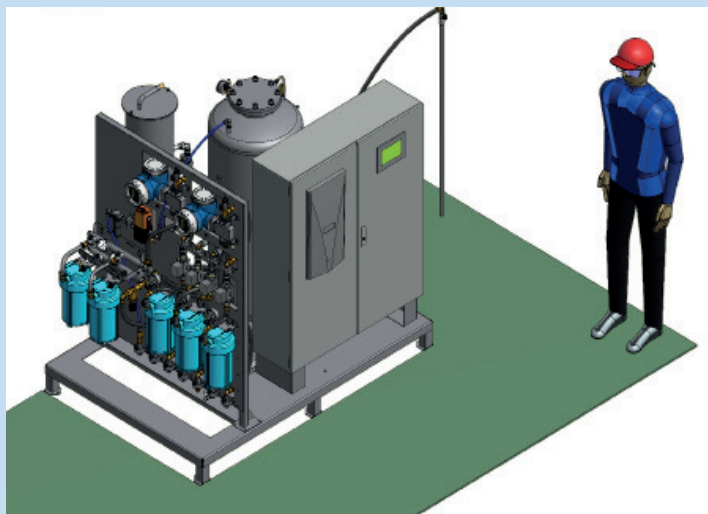
### 2. spezifische Daten /specific data

Typ	IN-VB 2-20	IN-VB 2-140	CM1-12
pressure max	1.2 bar	10 bar	7.3 bar
power	0.37 kW	1.1 kW	0.85 kW
voltage	230 V/ 400 V	230 V/ 400 V	230 V/ 400 V
flow rate	1,8 qm/h	1 qm/h	1,7 qm/h
temp	90 C	90 C	90 C

# Mischstation 10 bar

## Mixing Station 10 bar

### 1. mixing system for two beams



spezifische Daten /specific data	
Mischtank	50 l
Druckbehälter	200 l
Volumenstrom max	13 l /min
Druck max	10 bar
Pumpe Druckvolagetank	1.1 kW/400 V/ 50 Hz
Pumope Mischtank	0.37 kW / 400 V / 50 Hz
Temp max	60 C

### 2. pressure - tank 10 bar



### 3. pressure generator and tank 40 bar

