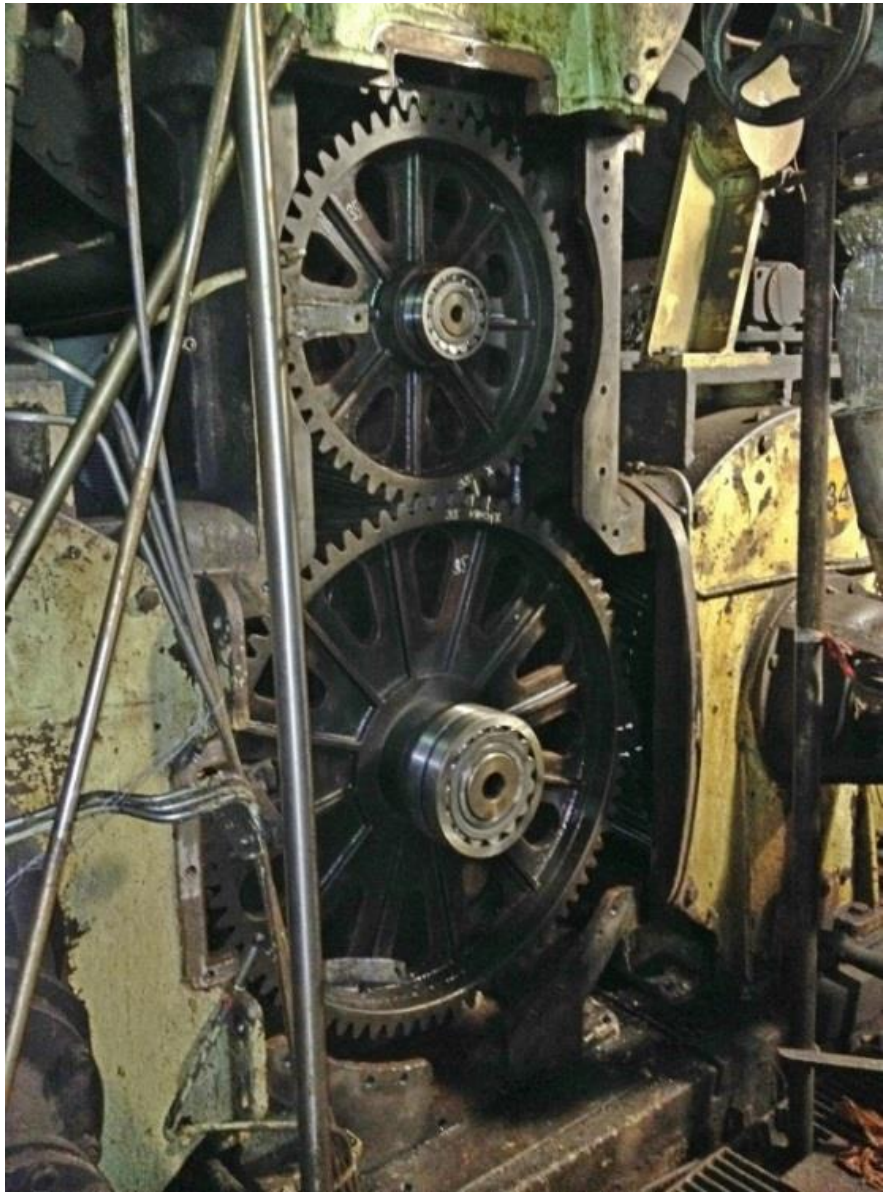
Closed wheel housing ?

- **Is Your wheel housing still okay?**
- **Or do you have:**
- High wear out and extensive maintenance?
- Many tooth meshes?
- Oil-leakages all around the wheel housing?
- Electrical drives still performed as DC drives?



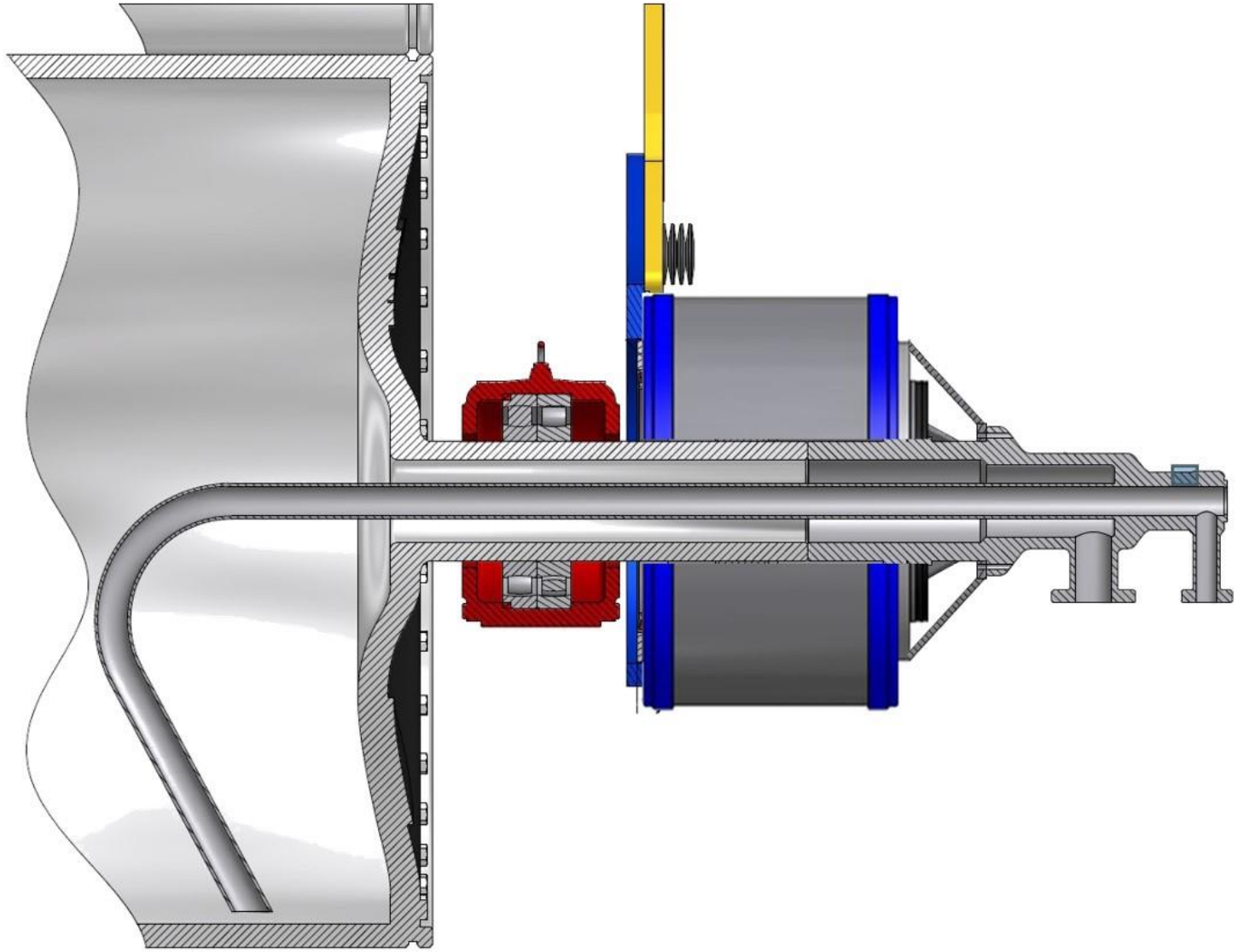
Closed wheel housing

- **Do You like:**
- **the narrow space on your drive side?**
- **the maintenance of the**
- **gearboxes?**
- **and the shafts?**
- **and for outdated Electrical drives?**

If not, you might like

This!

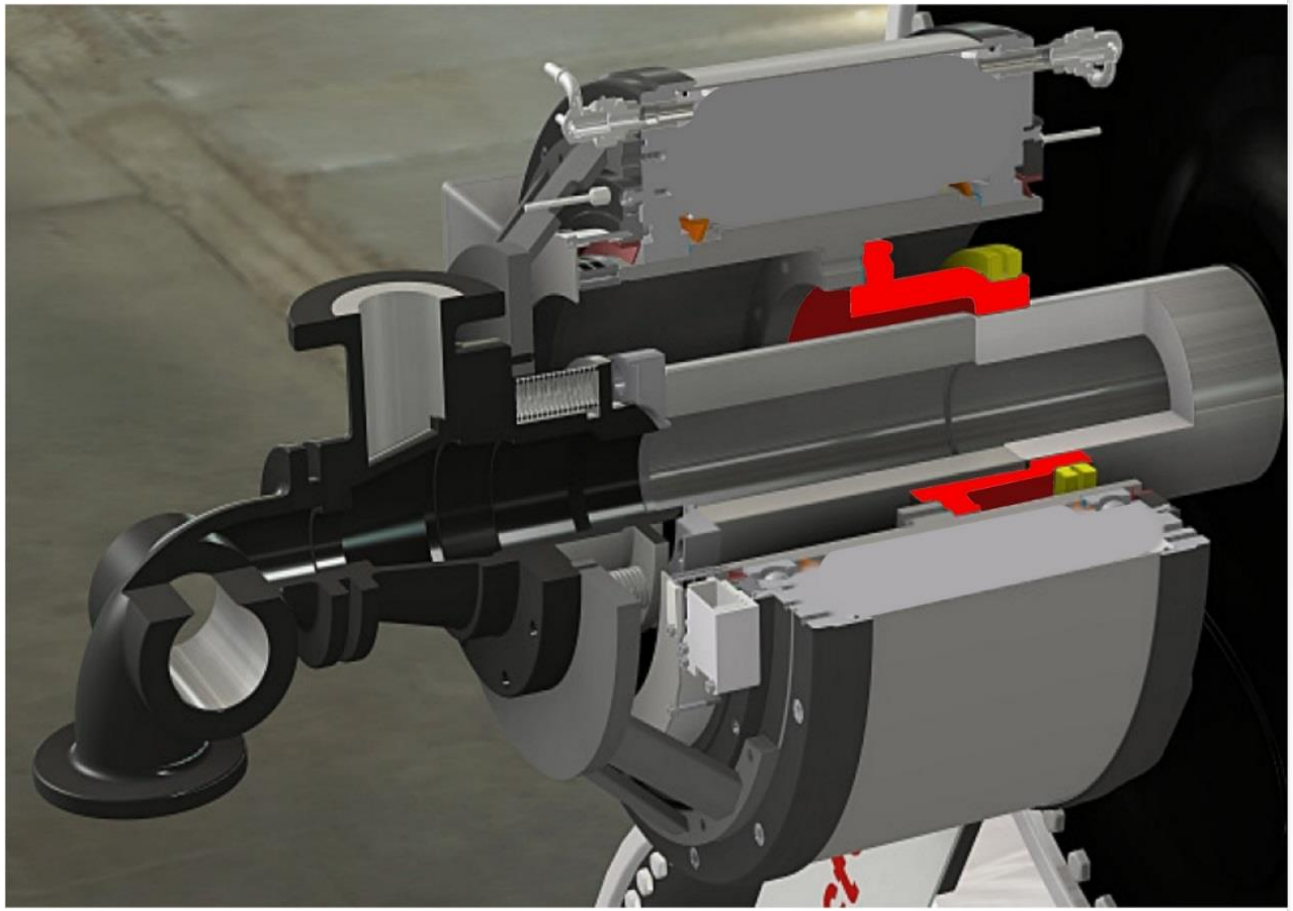
AS-Flexo Direct



AS- Flexo Direct

Installation

- Motor is fixed directly to the shaft
- Steam head is fixed to the Motor
- Thermal decoupling of FlexoDirect®
- Absorption of steam head forces (up to 22.000 N)
- Drive side installation !!!
- Tendering side too



AS- Flexo Direct

	DA 700		
Type	**L225**	**L300**	**L375**
Outer diameter (mm)	700	700	700
Rated power (kW)	84	107	147
Rated speed (rpm)	250	250	250
Rated torque (Nm)	3200	4100	5600
Max. torque (Nm)	6060	7950	10400
Weight (kg)	480	580	680

AS- Flexo Direct

That is it !

Max Grengg
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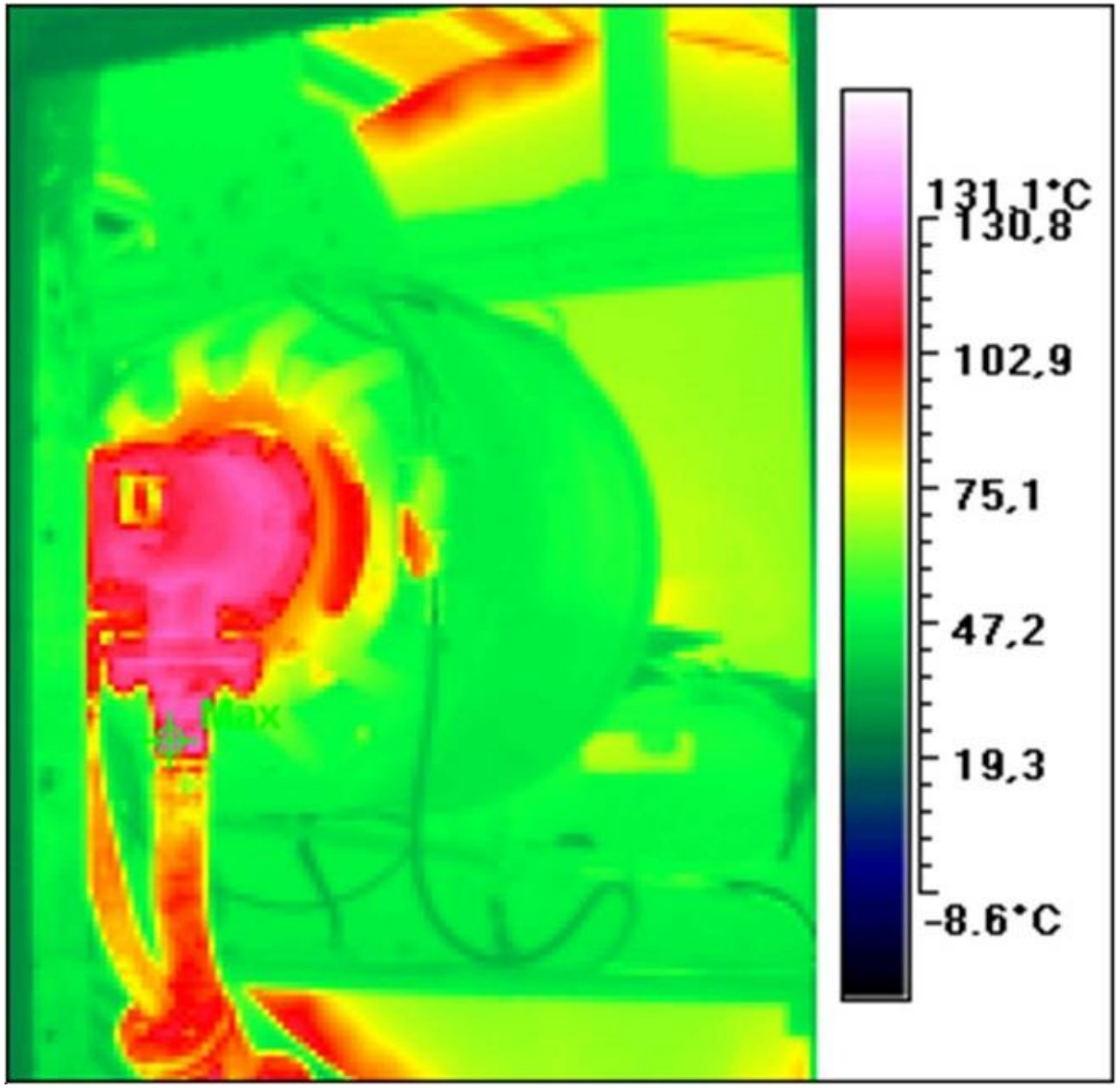
AS- Flexo Direct

The cooling

- Cooling unit (Cooliflex®)
- Temperature class H (IEC-34-1) = 180°C



AS- Flexo Direct

Cooling

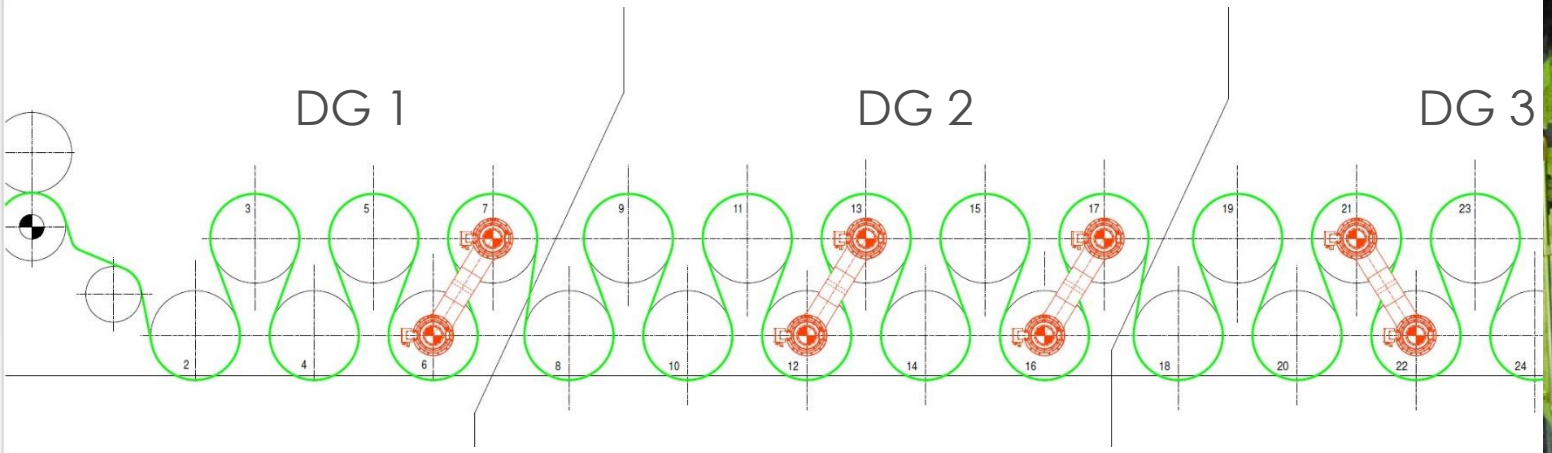
Controlled flow to each unit !

AS- Flexo Direct

Connection to the drying cylinder journal

- Extension of the dryer shaft
- Using shrink disc for torque transmission, instead of a key

AS- Flexo Direct



AS- Flexo Direct

KÜHNE+VOGEL GmbH
Prozessautomatisierung Antriebstechnik

Electrical Part

- **Drive Control Cabinets**
- **Engineeringstation**
- **Local Operator Touchpanels**
- **Closed loop control**

AS- Flexo Direct

Reference List

Papierfabrik Vreden,

Ausbachstraße9, D-48691 Vreden

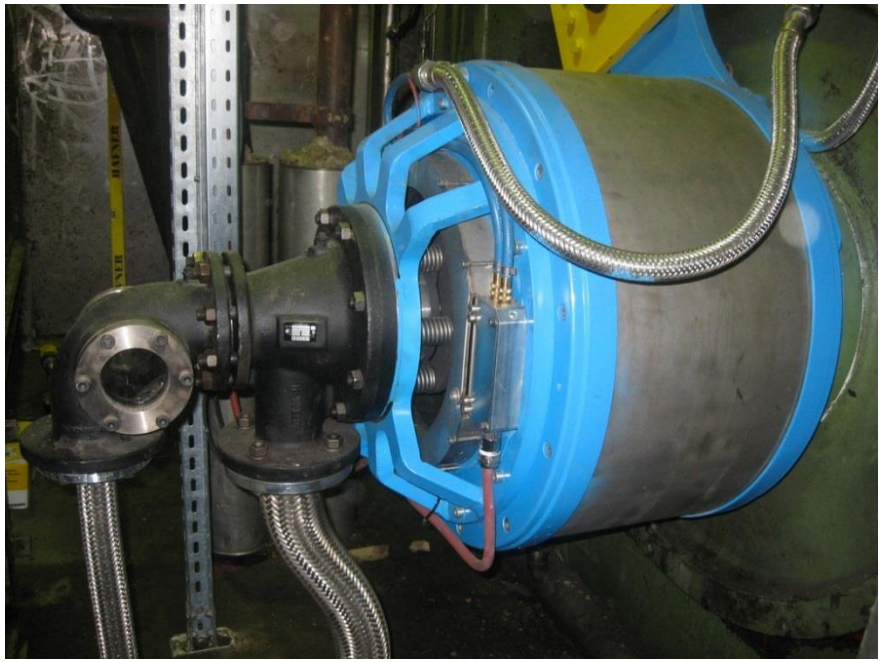
Contact:
Mr. Jens Bußmann, Technical Manager
☎ +49 2564 399 18

Data:

2 FlexoDirect®	DA700L 225
Line speed	V = 350 m / min
Working width	AB = 2800 mm
Diameter of the drying cylinders	ø = 1.500 mm
Motor power	70 kW
Nominal Ratio Speed	200 Upm
Rated torque	1700 Nm
In use since:	January 2011

AS- Flexo Direct

Reference List



Delkeskamp Verpackungswerke GmbH,
Hauptstraße15, D-49638 Nortrup

Contact:
Mr. Christian Austermühle, Factory Manager Paper
☎ +49 5436 51 421

Data:

4 FlexoDirect®	DA700L 225
Line speed	V = 350-1.100 m / min
Working width	AB = 2950 mm
Diameter of the drying cylinders	ø = 1.500 mm
Motor power	70 kW
Nominal Ratio Speed	220 Upm
Rated torque	3350 Nm
In use since:	August 2011
	January 2012

AS- Flexo Direct

Reference List

Mondi Dynäs AB, SE 873 81 Väja, Sweden

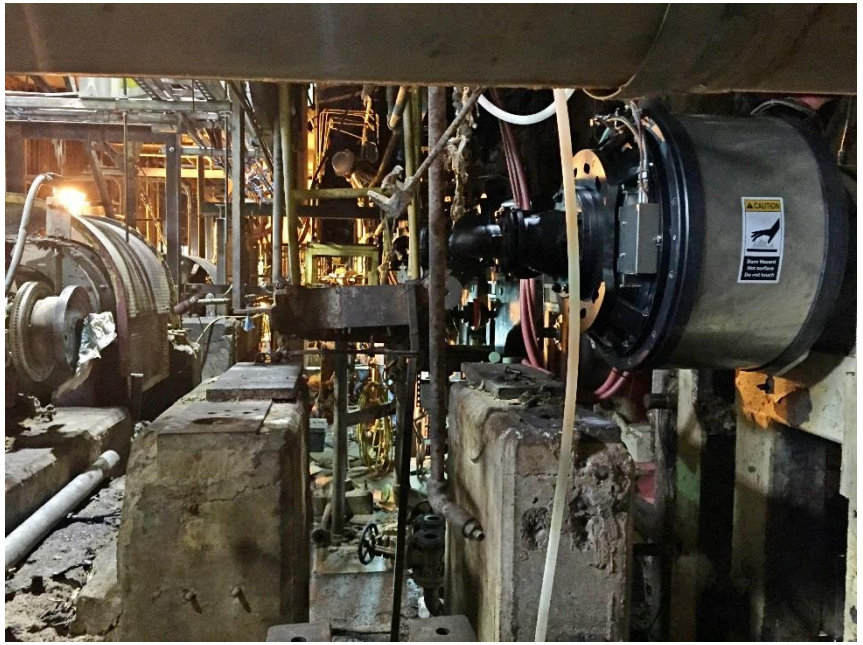
Contact:
Mr. Jukka Linnonmaa, Operations Director
☎ +46 (706) 202637

Data:

26 FlexoDirect® DA700L 225 / DA700L300	
Line speed	V = 1.100 m / min
Working width	AB = 7410 mm
Diameter of the drying cylinders	ø = 1.524 mm
Motor power	80/100 kW
Nominal Ratio Speed	200 Upm
Rated torque	3200 / 4150 Nm
Additional two spare motors of each	
In use since:	October 2014

AS- Flexo Direct

Reference List



Mondi Pine Bluff, Pine Bluff, AR 71612; Arkansas

Contact:
Mr. Joseph Goss, Maintenance and Engineering Manager PM 1
☏ +1 870 643 8421

Data:

2 FlexoDirect®	DA700L 225
Line speed	V = 350 m / min
Working width	AB = 4699 mm
Diameter of the drying cylinders	ø = 1.500 mm
Motor power	84 kW
Nominal Ratio Speed	250 Upm
Rated torque	3200 Nm

Additional two spare motors of each

In use since: 19. September 2015

AS- Flexo Direct

Reference List

Mondi Steti, CZ-411 08 Štětí, Czech Republic,

Contact:
Mr. Helmut Riesenberger Project Director PM 5
☎ +420 (416) 802 122

Installation on the tender side

Data:

26 FlexoDirect®	DA700L 225/DA700L 375
Line speed	V = 350 m / min
Working width	AB =7426 mm
Diameter of the drying cylinders	ø = 1.524 mm
Motor power	84 /147 kW
Nominal Ratio Speed	250 Upm
Rated torque	3200/5600 Nm
Additional two spare motors of each	

In use since: 16. October 2015

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