

5.400 MM PAPER MACHINE FOR SALES



Basic data

- Description: Packaging Kraft Paper (PKP) machine
- Manufacturer: Beloit
- Machine start-up: 1988
- Major rebuilds:

1994 – headbox and wire section replacement, modification in 1st and 2nd drying group, cal coil installation (caliper CD profiling), tail threading installation

2001 all gearboxes replacement (speed over 1000 m/min)

2002 – DCS, QCS and steam box installation

- Machine width: 5400 mm (sheet width at the reel)
- Machine speed range: 450 - 1000 m/min
- Machine capacity: 75.000 t/y
- Quality:

Bleached packaging kraft paper

Unbleached packaging kraft paper

Grammage range

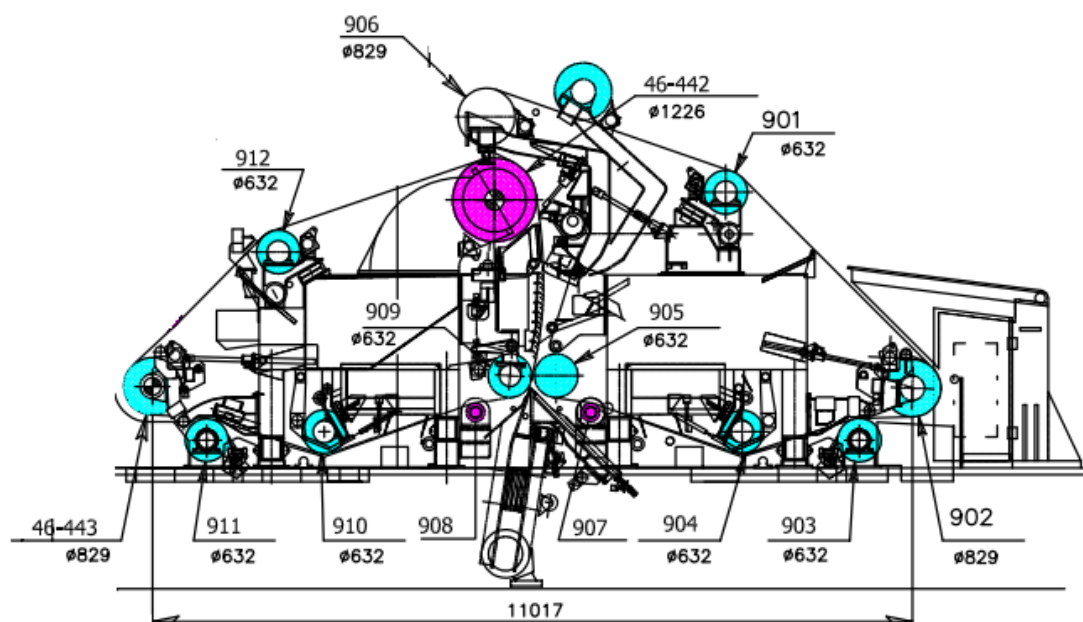
Bleached PKP - 28 – 60 gsm

Unbleached PKP - 28 – 80 gsm

Condition: Machine stopped in Jan/24

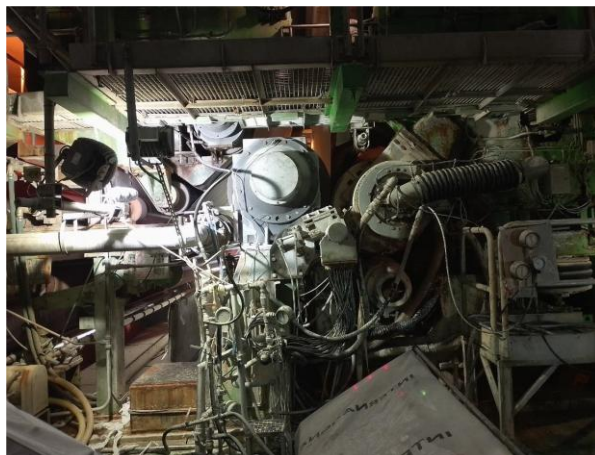
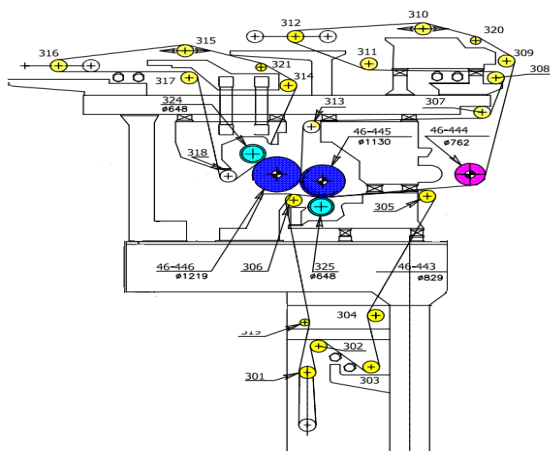
Wet part – Bel Baie II

1. Headbox – Beloit, vertical position, width of stock outlet: 5892 mm, equipped with Measurex Thermatrol (basis weight CD profiling system controlled from QCS) – 59 zones
2. 2 wires – 1st wire (19,54 m x 6,05 m) and 2nd wire (16,50 m x 6,05 m)
3. Dewatering foils – 9 pcs, ceramic
4. Deflector – ceramic
5. Vacuum box – approx -20 to -25 kPa operation vacuum
6. Couch roll – 46-442, driven, two suction chambers (low up to -45 kPa and high up to -70 kPa operation vacuum)
7. Guide rolls
8. Bow rolls – #907 and #908
9. Cleaning shower system
10. HP shower system – 2 pcs



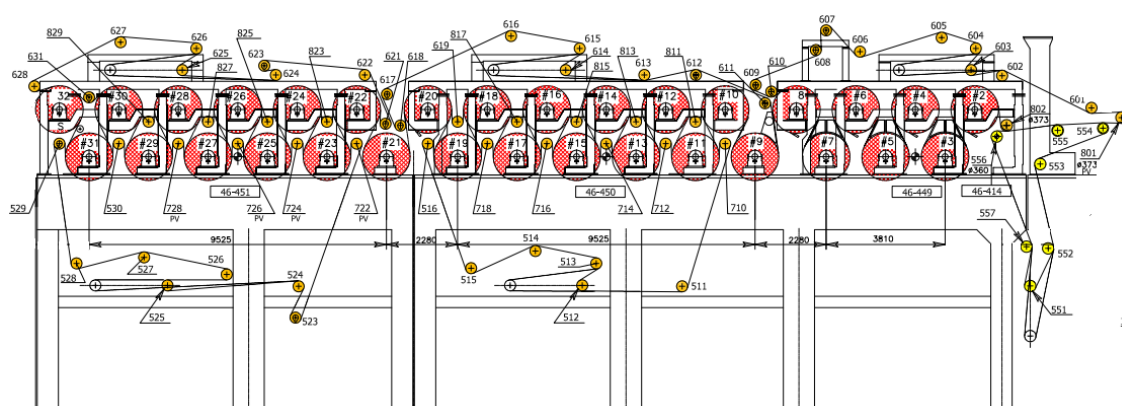
Press section (tri-nip)

1. Pick up roll – 46-444, driven, one suction chamber (up to -70 kPa operation vacuum)
2. Suction roll – 2nd press, 46-445, driven, three suction chambers (low up to -42 kPa and high up to -70 kPa operation vacuum)
3. 1st press Venta roll – #325, undriven, crown control, blind drilled
4. Central roll – 46-446, driven, ceramic
5. 3rd press Venta roll – #324, undriven, crown control, blind drilled
6. Steam box – ABB, 72 zones, controlled from QCS
7. Double doctor holder – at central roll
8. 6 Uhle boxes – two installed at each felt (one slot)
9. Lubrication shower system – two showers at each felt
10. HP shower system – one shower at each felt



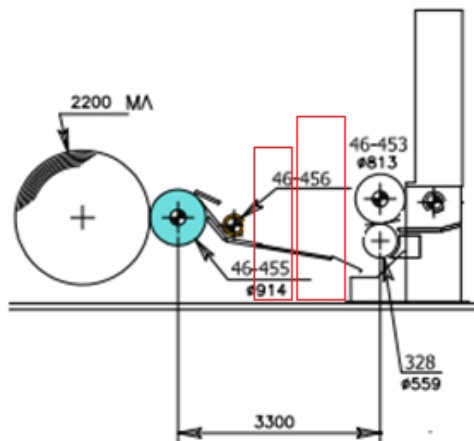
Drying section

1. 31 drying cylinders – DIA 1524 mm, three drive groups (1st group – 7 drying cylinders + 11 guide rolls, 2nd group – 12 drying cylinders + 24 guide rolls, 3 rd group – 12 drying cylinders + 21 guide rolls + 4 PV rolls), 6 steam groups, cascade system – steam 5 bar, steam supply on drive side, condensate outflow on front side
2. Six drying fabric loops
3. Hood – panel construction, half glazed, side guides, indyvidually or sectionally controlled from benchboard
4. Water jet knife – FastPap, threading to calender stack



Calender & Reel

1. 2 steel rolls calender (option for 4 rolls - 2 rolls dismantled)
2. CD caliper profiling system – Measurex, Cal-coil, 56 zones
3. QCS system – ABB, network platform 1200: caliper, moisture, basis weight, ash CD and MD measurement, 800xA V6.0 (2 operator stations, 1 engineer station)
4. Web inspection system – ABB, 12 cameras
5. Color measurement – Xrite ERX50, Macbeth, measurement of the opacity, brightness, shade
6. Reel – steel, spiral grooved



Winder

1. Max speed – 2000 m/min
2. Max reel width – 5450 mm
3. Max reel diameter – 2200 mm
4. Roll sizes: max dia 1400 mm, max width 2350 mm, min dia 600 mm, min width 190 mm
5. 12 disc knives
6. Core sizes: dia 70 mm, 76,5 mm, 150 mm, 152,8 mm

