

**NORSKE SKOG ASA**

**PM3**

**Bruck Mill**

Fabrikgasse 10

A-8600 Bruck/Mur, Styria

Installed: 01-01-1953

Austria

Phone 43-3862 8000

**Newsprint**

Mill Manager:

Mr. Henry Simon

**Capacity 2003: 120000 tons**

**Machine Specifics:**

530cm, approximately 1000 m/min.

**Furnish:**

In-house production of 75000 tons of PGW and 125000 tons of de-inked pulp.  
Paper produced by PM3 has approximately 80% DIP content.

**Market Note:**

**Recent Investments:**

Rebuilt 1999

**Comment:**

Norske Skog acquired the Bruck mill in January 1996.

**NORSKE SKOG ASA**

**PM4**

**Bruck Mill**

Fabrikgasse 10

A-8600 Bruck/Mur, Styria

Installed: 01-01-1989

Austria

Phone 43-3862 8000

**LWC**

Mill Manager:

Henry Simon

**Capacity 2003: 240000 tons**

**Machine Specifics:**

Trimmed width 626cm, Gap-former, maximum speed 1400 m/min. On-machine coating

**Furnish:**

In 1997 the mill used approximately 40000 tons of de-inked pulp in its LWC production. 2001 DIP content is reported at 27%.

**Market Note:**

**Recent Investments:**

Norske Skog has announced that they will invest NOK260 million to rebuild PM4. The rebuild will take place late in 2003. The rebuild will mainly imply a quality improvement in order to satisfy the most demanding LWC markets in Europe. Items include nwe wire section and new headbox. Supercalendering profile system will be improved and de-inking capacity somewhat increased.

**Comment:**

**SCA GRAPHIC PAPER AB**  
**SCA Laakirchen AG**

**PM10**

Schillerstrasse 5

A-4663 Laakirchen

Installed: 01-01-1987

Austria

Phone 43-7613 2581

**SC**

Mill Manager:

Mr. Erwin Nagler

**Capacity 2003: 235000 tons**

**Machine Specifics:**

Wire width of 8050mm, design speed approximately 1300m/min. Hybrid former.

**Furnish:**

SGW 140000 tons on site. De-inking line 75000 tons came on line in April, 1995.

**Market Note:**

**Recent Investments:**

Valmet replaced the Sym-Former with a Gap former and installed a headbox with dilution control along with other upgrades. The investment was completed in February 1997 at a cost of ATS 230 million.

**Comment:**

**SCA GRAPHIC PAPER AB**  
**SCA Laakirchen AG**

**PM11**

Schillerstrasse 5

A-4663 Laakirchen

Installed: 01-01-2003

Austria

Phone 43-7613 2581

**SCA**

Mill Manager:

**Capacity 2003: 220000 tons**

**Machine Specifics:**

Voith Paper. Design speed of 2000m/m. Wire width 9550mm, basis weight range of 52-56gsm. Initial capacity 240.000 tpy. Machine is designed for later expansion to 400.000tpy.

On-line calendaring.

**Furnish:**

**Market Note:**

**Recent Investments:**

SCA announced that it would replace its 40year old 90.000tpy SC machine with a new 240.000tpy paper machine which will increase mill capacity from its present 325.000tpy to 475.000tpy. Completion took place early May 2002. Calculated costs were at EUR 225 million (EUR 900 per installed ton of product). The machine would allow a further capacity increase of 160.000 tons and the conversion into LWC paper production at a later stage. PM11 will is designed according to Voith's "one-platform paper machine concept".

**Comment:**

The Janus MK2 Calender from Voith was claimed to be the most demanding installation so far for the offline calendaring of SCA+ grades. With an ingoing width of 8920mm, the offline Janus can handle more than 240.000tpy at an average speed of 1300mpm.

**UPM-KYMMENE GROUP.****PM3****Steyrermühl**

Fabrikplatz 1

A-4662 Steyrermühl

Installed: 01-01-1984

Austria

Phone 43-7613 38900

**SCB**

Mill Manager:

Mr. Walter Pillwein

**Capacity 2003: 170000 tons****Machine Specifics:**

Wire width 7050mm, Design speed 1500mpm. Twin-wire.

**Furnish:**

Production at the mill is supported by in-house production of around 105000 tons of SGW and an additional 120000 tons of TMP (installed February 1990). An expansion of their de-inkingplant was complete by October 1989 to double capacity to approximately 200000 tons. Up to 80% recycled paper used in production.

**Market Note:**

SC-B paper in a basis weight range of 52 to 60g/m2.

**Recent Investments:**

The machine was converted from newsprint production to SC-paper production during 1999. Online OptiLoad calender, 6500mm, speed 1400mpm installed.

**Comment:**

Previously (until 30 November 2001) owned by Haindl Papier, Germany. Following agreement as of May 2001 the previous Haindl Mills at Augsburg, Schongau and Schwedt in Germany and at Steyrermühl in Austria were taken over by UPM-Kymmene

**UPM-KYMMENE GROUP.**

**PM4**

**Steyrermühl**

Fabriksplatz 1

A-4662 Steyrermühl

Installed: 01-01-1990

Austria

Phone 43-7613 38900

**Newsprint**

Mill Manager:

Mr. Walter Pillwein

**Capacity 2003: 280000 tons**

**Machine Specifics:**

PM4 with start-up mid 1990 PM4 was rated the largest newsprint machines in the world. Wire width 9800mm, speed 1700mpm. Twin wire.

**Furnish:**

Newsprint production is supported by in-house production of around 105000 tons of SGW and an additional 120000 tons of TMP (installed February 1990). Their deinking plant has capacity to produce approximately 210000 tons per year. Up to 80% recycled paper used in production.

**Market Note:**

Basis weights of 40-52gsm.

**Recent Investments:**

A rebuild took place in September 2000. Voith Sulzer undertook a rebuild of the headbox, its ModuleJet system and DuoStabilizers for the first five dryer groups.

**Comment:**

Previously (until 30 November 2001) owned by Haindl Papier, Germany. Following agreement as of May 2001 the previous Haindl Mills at Augsburg, Schongau and Schwedt in Germany and at Steyrermühl in Austria were taken over by UPM-Kymmene