

NATCAL MACHINERY LIST

1. SPINNING

1.1 WINDERS

- Not available at the moment

2. WEAVING

2.1 LOOMS

- 3 x Sulzer G-6200, B260 F6 J, 2.60 m, 6 colours, with jacquard Bonas ASJ4, year 1995
- 8 looms Toyota 280, crank, each 4 shafts, year 2013
- 7 looms Toyota 230, crank, each 4 shafts, year 2013
- 1 loom Toyota 230, cam, 10 shafts, year 2013, excentrical Staubli
- 1 loom Toyota 230, dobby, 16 shafts, year 2013, for terry

2.2 SIZING

- Not available at the moment

2.3 WARPING

- Not available at the moment

3. DYEING AND WASHING

3.1 MERCERIZING / PAD-STEAM

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3.2 WASHING

- Washing machine ARIOLI, type Uniwash, w.w. 2.20 m, 5 washing boxes, year 2015

3.3 JETS

- Jet SCHOLL, H.T., 30 kg, automatized with Sedomat 2000, year 1990
- Jet MCS, 4HT 800Kg, tank 100%, automatized with Termoelectronica, yoc 2004, nozzle 175mm
- 2 MCS 3HT, Multiflow, capacity each machine 600 Kg. accouplated, year 2004, can work independent, TERMOELETTRONICA fully automatic
- 2 MCS 3HT, Multiflow, capacity each machine 600 Kg. accouplated, year 2006, can work independent, TERMOELETTRONICA fully automatic
- 2 MCS SOFT FLOW , each machine with 1 chamber, capacity each machine 130 Kg, TERMOELETTRONICA fully automatic, yoc 2010
- Scholl, 2HT, 400Kg, yoc 1992, automatized
- Jet LAIP, 25kg, automatized, year 1999
- Brazzoli Twins year 2004 Inoflow 2HT cada, 300Kg Sedomat 5000, tanque 100%
- Brazzoli Twins year 2008 Inoflow 4HT cada, 600Kg Sedomat 5000, tanque 100%

3.4 JIGGERS

- Jigger atmospheric Mezzera, 2.0 m, hydraulic system, year 1992
- Jigger NORFIL, 2.80 m, atmospheric, automatised with programmer SETEX 737 XL, year 1996-2011
- Jigger ASYST, Model TN114, 1.80 m, programmer EAS
- 3 x Jigger ASYST, Model TN112, 1.90 m, programmer EAS
- Jigger MCS, HT, 1.80m
- Jigger ASYST LT, 3.20m, capacity 600Kg

3.5 YARN DYEING

- Yarn dyeing machine ATYC 100 kg, year 1995
- Vertical yarn dyeing machine Loris Bellini, 2 kg

3.6 DYEING PADDERS

- KUSTERS, yoc 1978, 1.60m

3.7 COLOUR KITCHEN

- ColorService, year 1999

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4. FINISHING

4.1 STENTERS

- **Stenter Bruckner, w.w. 3.20 m, 4 chambers**, horizontal chain (clips), gas with Laudati Burners, foulard and ortomat, year 1986. Renewed in 2021, clean and painted
- **Stenter Icomatex, w.w. 2.40 m, 5 chambers**, vertical chain with pins, gas, padder, manual weftstraightener, year 1995
- **Stenter Fontanet, year 1996, 4 chamber, thermal oil, chain vertical, foulard, weftstraightner Bianco, 2.40mm, updated in 2013 with inverters**
- **Unitech stenter, year 2008, 6 chambers, 2.400 mm, Bianco padder, weftstraightener Bianco**, vertical chain with pins and clapets, outlet with plaiter

4.2 TUMBLERS

- **Tumbler ANGLADA, 3.20m, Duplex, gas, completely renewed in 2022, yoc 1999**
- **Tumbler ANGLADA, Duplex 1.80m**, with padder, year 1998
- **Biancalani model Airo Due L, year 2006**
- **2 x Tumbler Anglada, simplex, w.w. 2.40 m**, gas
- **Pentek Tumbler, yoc 2015, 2.0m working width, gas**
- **ANGLADA continuous tumbler type TDR 2.4S**, year 1997, working width 240 cm, exit with 250 cm width cooling conveyor belt, steam heating

4.3 SHEARING

- **Shearing Mario Crosta, 3.20m**, 22 spirals year 2001
- **Shearing Lamperti, 3.30m**, 22 spirals, year 2003, with metal detector, extra cutting group new
- **Shearing machine Volenweider, 1.90 m**, 20 blades, double cutting group, metal detectors, J-Box, year 1992
- **Shearing machine Menschner, model M-Tec, 2.20 m**, 3 cutting heads, 1991-2008
- **Shearing machine Mario Crosta, 2.40 m**, with metal detectors, extra cutting group, year 1990
- **Shearing Lafer yoc 2022, 3.40m working width, 2 cutting units, metal detector**
- **TORRES shearing machine type AB-171**, working width 220 cm, with polrotor, year 1996
- **TORRES shearing machine type TAR 200**, working width 220 cm, year 1997

- **TORRES** shearing machine, working width 200 cm
- **TORRES** shearing machine type AB-133, working width 220 cm, with polrotor, year 1996

4.4 RAISING

- **2 x Raising Lafer**, w.w. 3.40mm, yoc 2022
- **Lafer double drum**, 2.40m, 24+24 rollers, yoc 2000

4.5 DRYERS

- **Babcock Dryer**, w.w. **2.40 m**, gas, 4 chambers, updated in 2012 with inverters, year 1996
- **Dryer RF Stalam**, for yarn, **40 kw**, water cooling system, year 1991
- **Dryer RF stalam**, for yarn, **50kw**, water cooling system, year 2000
- **Rapid vertical yarn dryer Loris Bellini**, **300 kg**, year 2001
- **Dryer OBERMAIER**, 2.20m working with, 3 passes, 3 burners Belimo, **with new felters (x3)**
- **SANTEX continuous tumbler type Santashrink 2K 240 IR GF1**, year 2000, roller width 260 cm, working width 240 cm, 2 steam heated fields
- **Unitech Dryer**, year 2000, 3 chambers, 3 passes, 2.40m ww, gas

4.6 SINGEING

- Not available at the moment

4.7 CALENDERS

- **Calender Kusters 3.20 m**, 2 bowls, oil, with racolan cylinder, year 1993
- **Calender Albrecht, tubular, 1.20 m**, steam, 2 compacting device, year 1998-2016
- **Tubular Calender Weiss**, 1.30m, model DR-PE, year 1987

4.8 SANFORS

- **MUZZI sanforizing machine**, rubber blanket width 2540 mm, year 1992. Renewed in 2022

4.9 COMPACTORS

- **Compactor Sperotto, 2.40 m** for knittwear

4.10 STEAMERS/POLYMERISING

- Not available at the moment

4.11 THERMOSETTING

- Not available at the moment

4.12 DECATIZING

- Not available at the moment

4.13 WEFTSTRAIGHTENERS

- Weftstraightener Corino, model FLC4, 2.40 m, year 2008

4.14 PADDERS

- KUSTERS finishing foulard type 222.53-3000, year 1982, face roller width 320 cm

4.15 SLITTERS/DETWISTERS

- Slitter/Rope opener Bianco, w.w. 2.40 m, with padder in rope, detwister head, cutting head, padder in open width and plaiter
- 2 x Rope Opener Bianco
- Slitter Norinho

4.16 HYDROS

- Hydro Cima, for yarn, 400 kg, year 2001
- Hydro Minetti, Type P/A1900,
- Hydro Dettin, model BERTA 24, year 1988-2018
- Hydro Dettin BERTA 36 TE, 48 positions year 2005
- Hydro PIMATEX, 36 positions, year 1998

4.17 CLOSE-OPEN KNITS

- Machine Tapalsa, model 174-A, year 1998

4.18 EMERISING/BRUSHING

- Unitech brushing Emerizing, 3.0 m, 3 cylinders, yoc 2008
- Lafer brushing 2.20m, 6 cylinders, yoc 2000 (rollers changed in September 2023)

- Lafer emerizing Twin touch , 2.20m, 2 rollers (carbon + ceramic), year 2018

4.19 PAD DRY

- PAD-DRY KUSTERS, 1.80 m, padder Kusters, 2 infra-red Indutherm system, 2 towers dryers, J-box in the outlet, outlet by big roll, full automatised with Salvia Eletronica

5. PRINTING

5.1 ROTARY

- ZIMMER rotary printing machine, w.w. 3.20 m, 14 colors, gas, dryer with 4 chambers, year 1993

5.2 FLAT BED

Not available.

5.3 DIGITAL

Digital printing machine Reggiani Renoir, 16 heads, gas, year 2015

5.4 ENGRAVING

Not available.

6. INSPECTION/PACKING

6.1 INSPECTION

- Inspection machine Icomatex, 2.60 m
- Inspection machine Norinho, 2.0 m
- Inspection machine Menschner, 2.0 m

- Inspection machine Norinho, 2.20 m
- Inspection machine Fontanet, 2.60 m
- 2 x Inspection machine Monforts, 2.70 m, exit by roll
- Inspection machine Macotex, 2.80 m, exit by roll

6.2 PACKING

- Rolls packing machine with carpet ICBT ACTA 7 B
- Packing machine ATF, this machine can pack between 1.80 m-3.20 m, only worked 6 months, year 2004
- Packing machine Fit , 2.20 m
- Packing Bianco , model Cleverico, 2.60m, yoc 2018

7. LABORATORY

- 3 x Sample dyeing machine Rotadyer
- pH-Meter, model E521
- Uster Dynamat II, calculator
- Jigger Ernst Benz, type LJ 350 TM, year 1995
- Bobines dyeing tester Tecninox
- James Heal Gyrowash
- Machine for measure the yarn friction Zweigle G530
- Sample dyeing machine Roaches washtec
- Datacolor, Laboratory dispenser Autolab 102-H
- 2 x Texicon Gain Dispenser, model DSV-68
- Comeureg Teintolab, laboratory dyeing system
- Jigger Ernst Benz
- 2 x Texicon gain mixer / Texicon gain dye-master
- Uster Dynamat II, tester
- 2 x Foulard
- Hounsfield Load cell, 1000 N
- Werner Mathis
- 3 x Hot water bath
- Salce volumetric dispenser, model SBM 24/72 with Salce Soluzionatrice model SBM 4/1, year 1995
- Testing machine WIRA
- Datacolor Lab Dispenser, model Autolab TF Gravimetric with Texicon Gain Mixer and Autolab SPS

8. BOILERS

8.1 STEAM

- **Boiler Termec, 10ton, 10 bar, gas burner Sicron SP520A, yoc 1990.** (Last inspection in April 2023)
- Boiler Ambitermo 20Ton, 10bar, 2 gas burners Sicron SP1025, yoc 2006
- Boiler LGI, Cuenod gas burner 5.500, 200m², 10Ton, yoc 1983
- Boiler Termec, 6 Ton, gas burner Sicron from year 2007, year 1980
- Boiler LGI, 4 Ton, gas burner Sicron from year 2007, year 1990

8.2 OIL

- **Oil boiler CSC, 2.500.000 Kcal, with gas burner Weishaupt, year 1992**
- **Oil boiler CSC, 3.000.000 Kcal, with gas burner Cuenod, year 1998**
- **Oil boiler CSC, 2.000.000Kcal, with gas burner Monarch dual (nafta and gas), yoc 1986**
- **Oil boiler CSC, 2.000.000Kcal, with gas burner Monarch dual (nafta and gas), yoc 1986**