



C.I. FLEXO DRUM AND ROLLS

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C.I. FLEXO CYLINDER

Experience:

- The first cylinder made in 1983
- Over 1500 manufactured cylinder
- The first to grind the drums with pressurized and thermo-regulated fluid
- Constant know-how growth together with the main Italian and International makers of flexographic printing presses
- Constant development with the customer in order to produce better drums with lower costs

De Iulii constructs C.I. drums made of steel.

Customer's technical specifications are granted by:

- Each drum is made on customer request and dedicated design
- The validated production process
- The use of only high quality material
- The machining of each components by CNC machine tools.
- The ISO 9001 process control over production

Cooling fluid circulation

- free flow
- driven by spiral paths ("criss-cross" system)





Construction data :

C.I. flexo drum tolerances :

Taper:	up to 0,01 mm
Run out (TIR):	up to 0,005 mm
Roughness:	up to 0,2 Ra

SHELL COVER

The outside shell is available in Hastalloy by HVOF technology.

These alloys are used to reduce the material corrosion and can be supplied with different hardness.

STEAM DRYERS

De Iuliis produce steam dryer for industrial process, such as paper and non woven industry.

All dryers guarantee maximum quality and safety standards

- Ultrasonic inspection of shells and weldings
- Dimensional inspections after manufacturing
- Quality certificate for all used material
- Thermal treatment
- PED Standards



ROLLS PRODUCTION

We are able to pruduct rollers for several sectors such as:

Lamination
Non-woven
Metal working
Paper industry
Printing industry

Rolls puduction example: Pope Reel Drums;Reel spools;
Winder Drums; Presses; Suction Presses
Jumbo Presses; Felts Rolls; Calender rolls (thermoregulated)
Wire Rolls; Breast Rolls
Suction Rolls; Couch Rolls; Dryers; Dry Felts Rolls
Drive Rolls; Pick-up Rolls; Printing rolls
*All rolls can be supplied with metalic/rubber/ceramic/
Polyurethane cover

The DJM workshop available machineries covers a broad range of machining operations, which are performed with highest degree of accuracy and precision.

Max dimension of machine tools:

Center lathing Ø 2.600 mm, 10.000 mm lenght
Vertical lathing Ø 2.500 mm, 2.000 mm height
Milling 8.000 mmX3.000 mm height
Grinding Ø 3.100 mm, 5.500 mm lenght
Balancing Ø 2.500 mm, 8.000 mm lenght

