



C.I. FLEXO DRUM AND ROLLS

DE IULIIS CARLO & ALFONSO SPA
VIA XXV LUGLIO 116 - 84013 CAVA DE'TIRRENI, (SA) ITALY
PHONE: +39-089 463844
EMAIL: U.COMMERCIALE@DEIULIIS.IT
WEBSITE: WWW.DEIULIIS.IT



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 luliis 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 luliis 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 prduct 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