

3rd Qtr 2009

Special points of interest:

- Teurema Highlights Their EVM Automatic Spooler
- Eurolls Introduces Their Steel Fiber Production Machine for the Concrete Industry



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Eurolls Group News

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Eurolls Introduces Corbellini Products To North American Market

Cortinovis Machinery America, Inc. is pleased to announce that Corbellini has joined the group of companies that they represent in North America which include: Eurolls SpA, Cortinovis Machinery SpA, Eurolls/Team Meccanica, Teurema, and Vitari.

Corbellini is specialized in the total production of ceramic-tungsten carbide –special alloys coating and sintered ceramic alumina-zirconia, for wire machinery components such as:

- Capstans, rollers, and pulleys
- Balanced draw rings and rollers for high speed multiple wire drawing
- Conical -step capstans for wet drawing machines
- Components in solid ceramic or ceramic on a metal (aluminum or steel).



Fig. 1 Cone Type Wet Drawing Machine

Our core competence is in the application of thermal spray coating for wire processing machinery. Our extensive experience in the production of finish surfaces with specific radius and angles and fine finishing allow us to reduce or avoid all the problems connected with wear, abrasion and/or corrosion, electric isolations, low lubrication, and oxidation on high speed mechanical parts.



Fig. 2 White Ceramic Pulley

We are equipped to coat and/or manufacture (based on customer drawings) high wear parts for wire drawing processing machinery. We are also equipped to reproduce or recondition worn pieces as required. We are able to supply a wide range of currently available wear proof and corrosion-proof coatings.

The use of the latest spraying systems, metallic fixing agents, lower surface roughness and the right choice of the coating material for the base part material make our products achieve the lowest friction coefficient with excellent results on quality and quantity of manufactured wire.

The wide range of products allows us to choose, depending on environment, the best solutions to solve almost all wear problems.

We have achieved ISO 9001 Certification which assures our customers that our system of test and control, coupled with modern tooling, enables us to make accurate process and production monitoring which is repeatable and produces parts that have consistent quality.



Fig. 3 Zirconium Oxide



Just a few of the sample shapes that can be generated by the Eurolls Steel Fiber Machine.



MS10



Automatic Chain Welding Machine

Eurolls SpA Steel Fiber Machines For Concrete

EUROLLS has a newly designed and innovative Steel Fiber Machine for producing crack resistant concrete. This machine guarantees a high and continuous production of steel fiber and, with the appropriate tools, can be pre-set for the production of any type, shape and dimension.

The advantage of using the EUROLLS Steel Fiber Machine, is its simplicity of operation which yields high performance and pro-

duction. Another advantage with using this machine, is that the tolerance range of the inlet material is not crucial, therefore allowing you to utilize wire rejected from other processes into the final product with quality results and high market value.

Please contact Cortinovis Machinery America, Inc. at 908-479-9818 for a quotation or further details on a EUROLLS Steel Fiber Machine.

Vitari SpA Introduces A New High Tensile Bending Welding Calibrating Chain Line

Vitari SpA has introduced a series of high tensile bending/welding machines to make resistance welded chains used in Naval, agricultural, and automotive applications. These machines are equipped with fully automatic welding, deburring and chain feeding devices. The welding operation is executed by means of four trapezoidal copper electrodes that receive current from a single phase transformer. The deburring operation is conducted with two tools that intervene longitudinally on the hot chain. A special device subsequently intervenes to ensure a high quality burr-free welded chain link. The tools located on the ends of the chain link have two distinct functions; first they shift quickly toward the chain ends and secondly a piston enables pressing of the chain link ends whilst welding is in progress.

If the chain link should not be set correctly into position, the machine will automatically stop and the welding phase will not be completed. The entire series of these new welding machines are equipped with SCR electronic systems.

The MS10 pictured can handle wire inlet sizes ranging from 6mm to 11 mm. It has a maximum pitch capability of 65 mm and a maximum output of 50 links per minute.

Other models include the MS6, MS16, MS22 and the MS26. These units can handle a maximum wire input of 6 mm, 16mm, 22 mm, and 26 mm respectively.

For complete information on these series of automatic chain welding lines, please contact our sales department.

Team Meccanica Introduces New Direct Synchro Drive Wire Drawing Machine



Team Meccanica has developed a Direct Synchro Drive DSD 610/8 Wire Drawer. This model is a ground-breaking Plug & Play Synchro Drive 610mm Drawing machine with 8 blocks, and is equipped with a pre-wired, mounted electrical cabinet which

eliminates field wiring and commissioning. There are 45KW Synchronous Motors directly connected to the capstans which are cooled by a closed loop liquid glycol circuit. There are NO gearboxes, NO belts, NO transmission and NO need for lubrication oil.

This machine can either be designed to be used with dies, or can be equipped with EUROLLS Rolling Cassettes. This machine has a monolithic structure designed to be installed without special foundation requirements. This particular model is designed to produce a wire

range from 6.5mm to 1.5mm at 25m/s SAE 1004-1060. There is practically no need for maintenance. We offer a 5 year warranty with the option of extending the agreement to 7 years. For additional information, contact Cortinovis Machinery America.

Teurema S. L. EVM Automatic Spooler

The Teurema automatic spooler EVM was created for the production of precision laid wire coils with spools which can have a capacity of up to 5 tons. This double automatic spooler is composed of two spool working stations which are the wire collection station and the wire strapping/unloading/loading station. It comes complete with all of the necessary devices to ensure automatic handling of the wire, the cutting and subsequent threading

of the wire, and the securing of the wire tail, too. All these operations improve line efficiency especially when operating with large diameter wires. The combination of all of these factors guarantees a drastic reduction in down times which are normally present during the spool changeover cycle. All parameters required for the formation of the pattern laid coil, as well as production information, are set on the spooler control pulpit.



The Teurema EVM Automatic Spooler can handle a 3.5mm to 16mm wire range at a speed of 16 m/s



Cortinovis Redesigns Double Twist Stranders For The Steel Industry



Cortinovis Machinery recently redesigned their new Double Twist Strander, which has been specifically produced for the manufacturing of high quality steel strands. The range of this machine allows the user to produce, utilizing the double twist process, strands from seven (7) up to thirty-seven (37) wires, with a diameter

range from 0.1mm up to 2.6mm.

The Cortinovis Machinery Double Twist Strander can be provided with multiple pay off designs, with the flexibility to adapt to the specific requirements of the bobbins' diameter and the number of bobbins. The strand is formed by two pre-twisters, with separate motors and deviation pulleys, before the product enters into the double twist machine.

The Cortinovis Machinery Double Twist Strander is fitted on a unique rigid frame, and includes the two rotors, the cradle, the double wheel capstan, the over-twister, the stand straightener and the take up/traversing unit. The drive of these elements is mechani-

cally obtained with interchangeable gears. All of the motors on the Cortinovis Machinery Double Twist Strander are AC type, with inverters. The machine is protected with a soundproof guard. For further information on the machine, please feel free to contact our sales department at Cortinovis Machinery America.



Take up bobbins diameters from 250mm up to 1250mm

EUROLLS GROUP NEWS

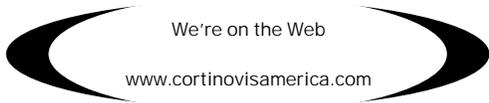


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The EUROLLS GROUP was established in 1987. Over the past 21 years the company has grown significantly with the cooperation of customers like you. We strive to provide the highest in quality machinery and consumable products. Our service department is committed to understanding our customers' concerns so we can provide the quickest possible solutions to meet their satisfaction. Our commitment to research and development, staying current with technology, and employing the most experienced personnel are all key to the success of the EUROLLS growth process over the past two decades. We thank you, the customer, for your continuous support.



EUROLLS GROUP PRODUCTS

Multi Pass Cold Drawing Lines	Central Tube Stranders	Horizontal and Rosett Spools	Chain Welding Machines
Multi Pass Cold Rolling Lines	Electro Welded Collated Nail Making Machine	Lubricant Applicators	Chain Link Fencing Machinery
Descaling Rolls Pinch Rolls	Take-up Lines	Stress Relieving Devices	Rewinding Equipment
Guide Rolls Feed Rolls	Machines for Hexagon Wire Mesh and Gabbions	High Speed Nail Making Machines	Machines To Produce Hangers
Finger Bay Rollers	Descaling Units	Coilers Pulleys	Rolls for HOT Rolling Mills
Turkshead Rolls	Capstans	Barbed Wire Machines	Straightening Rolls
Tubular Stranders	Pointing Machines	Single Twist Cablers	Flattening Rolls
Double Twist Stranders	Rolling Cassettes	Planetary Stranders	Inline Compact Stretching Unit
Monobitorsion	Butt Welders	Automatic Chamfering Machine	Steel Fiber Production Machine
Double Twist Bunching, Stranding and Laying Up Machines	Straight and Cut Machines	Fixed and Collapsible Spools	Rolls For Cold Rolled Wire
Rigid Cage Stranders	Horizontal and Vertical Payoffs	Chain Bending Machinery	Lattice Girder Machines
			Automatic Spoolers