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Calvi Network Steel Profiles – Newsletter – Summer 2014

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EDITORIAL



Summer is here and, as we do every year, the time has come to take stock, to look back at the work we have done together, to share information on Calvi and its activities and to report on the innovations inside and outside the workplace, where our companies take the leading role.

This issue of our magazine is packed with news, updates on process developments and reports on sport events and our family lives, with the welcome return of the column dedicated to newborns.

With this issue we increase our content and extend distribution to the companies in our mechanical division.

More especially, it is an issue that is published to purposely coincide with the tenth anniversary of Calvi Holding, and which we dedicate to each and every staff member. As a special initiative, every staff member will be receiving a commemorative polo shirt at their company's premises.

Ten years of experience earned and gained in the field by the Calvi Group within its manufacturing companies and on markets throughout the world.

Experience that stems from its history and its constant focus on the future, which today serve as a plus and driver for further improvement. It is therefore a pleasure to tell the stories of profiles that have broken records, new orders and projects that involve our businesses, the small significant developments in manufacturing and organizational aspects, all improving our competitiveness. It is a pleasure to introduce all the new resources that have joined the great Calvi team, and to acknowledge those that have been working with commitment and passion for years, consolidating our image and the leadership of our brand.

For ten years now, Calvi Holding has relied on the technical expertise, know-how and day-to-day motivation of everyone that is part of this project. A project that we strongly believe in and which we will continue working towards with trust, determination and total commitment. If we manage to maintain these values as a material and shared point of reference for our work, we will continue to write a unique and unrivalled story, which will extend well beyond the ten years we proudly celebrate today.

Riccardo Chini
President of Calvi Holding S.r.l.

SIDERVAL S.p.A.

TITANIUM PROJECT

The Titanium project began some years ago at Siderval. Recently the OMI stretching machine, that had undergone significant revamping and adjustment, became operational, together with the new titanium billet glass coating unit.

Both projects are the result of previous studies, conducted by Siderval in-house and in conjunction with a pool of external companies,

companies within the Group (Cefival, Hoesch and Falci) as well as the Milan-Lecco Politecnico (technical university), in relation to metallurgy analysis on hot forming mechanisms and alpha case formation. Support and interaction with Siderval's administrative management on the other hand, led to appropriate financing procedures being identified.

OMI stretching machine - The machine with a 350 ton traction force that had previously existed at Siderval underwent significant mechanical adjustments to the heads. The hydraulic and control circuits were redesigned and reconstructed, to ensure full control during the traction and torsion of the profile in the various stages when the temperature is raised, maintained and dropped. The machine was equipped with a power supply capable of "injecting" up to 20,000 A into the bar, with the current making quick and controlled rises in temperature possible.

Glass coating unit - Subsequent to the trials carried out, a glass coating unit was designed and constructed, equipped for the washing, heating, airless covering and handling of titanium billets. The installation allows for the billets to be prepared for the heating phase, adding a layer of hardened glass powder that assists in extrusion, while at the same time reducing contact with the external oxidizing atmosphere.



LIFT TECHNOLOGIES INC.

EVOLVING INSTALLATIONS AND MANAGEMENT

Following on from the Sub Arc Welding System that automatically welds rails for forklifts with a capacity of over 10 tons, the introduction of new technology continues at the company in South Carolina. The installation of the Motoman Robotic Welding System with "Vision Seam Sensing" technology has improved efficiency on the production line: the fixtures have been designed in such a way that any mast type or size can be programmed and welded. In addition, both Lift Technologies sites are making the transition to the Toyota Production System (TPS), which optimizes production quality, by constantly improving processes and eliminating unnecessary waste in natural, human and corporate resources.

The material benefits from adopting the TPS include containing costs, improving quality and efficiency, reducing waste and providing all customers with an extended warranty.

CEFIVAL S.A.

FURNACE MANAGEMENT CHANGES: IMPROVED PRODUCTIVITY

With the intention of increasing productivity on the extrusion press, and at the same time, improving quality during the heating stage, Cefival has changed the management of its IAS induction furnaces. The upgrade had a dual objective: ensuring repeatability of the heating stage by induction, and setting the operating pace for the press according to a consistent Takt Time. As a result, the heating cycle for each item is now pre-set: the heating stage of each inductor can be varied and the move from the billet to the press occurs with a consistent frequency.

More specifically, when the press is not ready to extrude, the billet is sent to the Thermidor homogenization furnace and a new billet replaces it in the inductor, limiting downtime and complying with set intervals. As a result of this new method for furnace management, productivity in the press has increased by 35%, going from an average of 12 billets an hour to peaks of 16 billets/hour, while at the same time, improving quality during the heating phase, and ultimately the quality of the product. In order to further increase productivity so as to reach 20 billets an hour, the furnaces' management software will now be modified, in conjunction with the company that developed it.

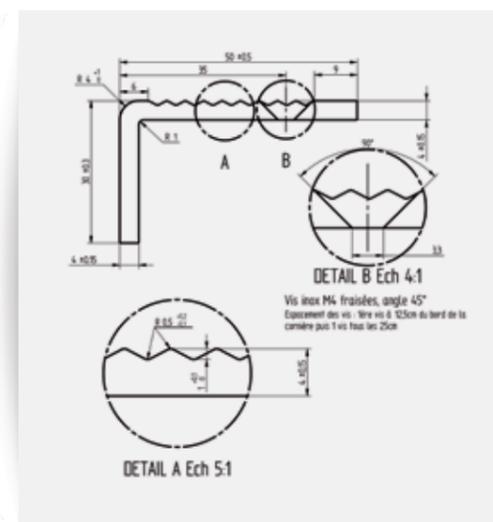
CEFIVAL S.A. / FIAV L.MAZZACCHERA S.p.A.

NEW IMPORTANT ORDER FOR THE PARIS PUBLIC TRANSPORT OPERATOR

A new and interesting project for Cefival: the French company was awarded the order to produce two "step" profiles, intended for use in the infrastructure and transport sectors.

From January 1st 2015, French legislation makes it mandatory for any facilities that are open to the public to take the necessary actions allowing access to the disabled or those with reduced mobility. The order from the Paris public transport operator - RATP - aims to renovate 4 stations of the subway

and suburban networks, consisting of over 3,800 meters of profiles. The project involves 400 stations located between the city and outlying areas, so it is highly probable that additional supplies will be required. The "corner" or "L" profiles will be constructed by hot extrusion by Cefival, and finished off by drawing by Fiaav.



HOESCH SCHWERTER PROFILE GmbH

ROLLING LINE VII MARKS 50 YEARS IN SERVICE

Rolling Line VII became operational at Hoesch exactly 50 years ago on July 27th 1964. Designed as a combined dual and triple line, it extended the product portfolio as a result of the use of 650 mm cylinders, in addition to the traditional 380 mm and 500 mm. Including the construction work, the line meant a total investment of around 10 million Euro in today's terms. Upgraded and modernized over time (fundamental steps being the changeover from the pusher furnace to the elevator furnace in 1996, and the investments for upgrade in 2008 and 2010), it reached record production levels in 2007, when 105,477 tons of profiles were rolled. With around 6.9 million tons of rolled profiles, it accounts for about 60% of Hoesch's total production since it was founded. A significant impact was also seen in the reduced manpower costs: from the original team of 30 workers, the Line VII currently only employs 12 operators.

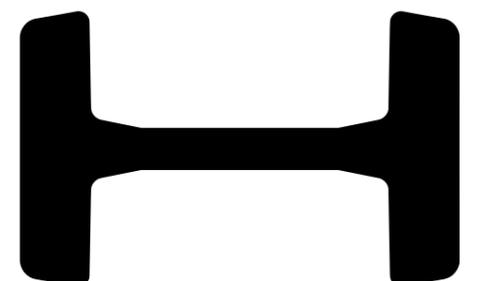


HOESCH SCHWERTER PROFILE GmbH

2922: THE FIRST HSP PROFILE TO REACH 100,000 T

On April 30th 2014, the 100,000th ton of profile #2922 for forklifts was delivered.

This refers to a double-T profile that has been produced in the rolling mill since 1975. It is Hoesch's first profile to achieve this milestone: a truly positive result confirming HSP's production capacity and the quality of its special profiles.



LIFT-TEK ELECAR S.P.A.

NEW RANGE OF MASTS FOR TRILATERAL FORKLIFTS

The need by companies to stock increasing volumes of goods inside their warehouses, and the constant requirement to increase storage space have resulted in circulation aisles becoming narrower: this means that normal forklifts are no longer able to maneuver properly to lift the pallets.

With an eye always focused on market developments, Lift-Tek Elecar has extended its offer of forklifts, with a new range of masts for trilateral forklifts that are ideal for high-density storage warehouses with circulation aisles reduced to 1.6m. These refer to masts with two or three bars that can be freely elevated or not: a range of highly efficient solutions, confirming the competitiveness of the Company based in Piacenza.



HOESCH SCHWERTER PROFILE GmbH

MINISTER SCHNEIDER VISITS THE COMPANY

April 30th was a date to remember for the pleasant surprise that awaited staff at Hoesch: a delegation from Schwerte's democratic party visited the plant. The guest of honor was Guntram Schneider, Minister of Labor for the North Rhine-Westphalia region. The CEO, Mr. Theo Odenthal was on hand to officially welcome him together with staff representatives. The visit provided an opportunity to discuss various economic and employment issues.

During the visit, the Minister was shown the various manufacturing methods and the wide range of possible applications.



IN BRIEF

FALCI S.R.L

The technology lab at Falci has been extended considerably, with the addition of two new instruments, a quantometer and digital durometer. The service for straightening rolled sections also became operational with the introduction of a totally overhauled straightener.

FIAV L.MAZZACCHERA S.p.A.

Two members of the FIAV team were deserving recipients of the "Maestro di Lavoro" [Master of Labor] medals for their years of dedicated service and professional commitment: namely, Alessandro Gorgoglione, HR office employee since 1979, and Mario Topputi, warehouse manager, hired in 1987.

Our heartiest congratulations to them both.

HOESCH SCHWERTER PROFILE GmbH



Markus Schmitz became the new HSP Profile Rolling Plant Manager on February 1st 2014. 47 year-old Markus has many years of experience as a machinery construction engineer in businesses close to steel production and processing.

RATHBONE PRECISION METALS Inc.

The Palmer - Massachusetts site has introduced an innovative adiabatic cutting process to produce a new profile. The special profile – that the Rathbone team worked on closely with the customer – is used in the medical field. It is a very interesting project in terms of type, development and potential future applications.



SIDERVAL S.p.A.

Alexis Guadarrama, currently Siderval's sales director, comes from a professional experience of 17 years in Tenaris, a multinational world leader in seamless steel tubes, where he held various positions both in Italy and abroad, in the Commercial department but also in Production, Product Engineering and R&D.



SIPA S.p.A / CALVI S.p.A.

Sipa once again has an annealing furnace it can count on. Working in conjunction with Calvi, the Company based in Carnate has a dedicated installation at its production plant in Merate, helping to improve the entire production process.

OUR FIRST 10 YEARS

In July, Calvi Holding celebrated the anniversary of its 10th year in business. An important milestone that was reached thanks to all our companies and all our resources. A time to celebrate together with the hope and desire that we will share the satisfaction of having created a winning business project in the future too.



CALVI HOLDING'S 10 YEARS POLO SHIRT: WOULD YOU LIKE TO RECEIVE THE POLO SHIRT MARKING CALVI HOLDING'S 10 YEARS?

Register on the web page www.calviholding.it/10anni

and enter your information: the polo-shirt will be delivered to you at your workplace.

STEEL WORKERS

LONG AND FAITHFUL SERVICES

25 YEARS

CALVI: Dorianò Carozzi - Gerardo Fumagalli - Mariella Mandelli - Silvia Lavelli / **SIDERVAL:** Edi Perlini - Agostino Bondioni - Michele Sertorelli - Claudio Riva - Emilio Cerri - Giuseppe Rossini - Milena Spini / **FALCI:** Dario Bernardi - Giuseppe Chiapello / **FIAV:** Lamine Mbaye / **HSP:** Anton Drabinski - Wolfgang Vogel - Sabit Iseri - Karl-Heinz Wölke - Andreas Engelhardt - Peter Gnaudschun - Mario Ciccarella - Tekin Kalayci - Josef Schymanietz - Yildiz Tunc - Ingo Smerling - Cengiz Sahin - Uwe Mag - Peter Rohde - Dirk Nolte - Salih Ayaz - Uwe Rappert - Markus Loth - Guido Rasche - Michael Hellmich - Peter Dammers - Andreas Dietrich - Jörg Preidel - Ladislav Gerger - Dieter Vorbeck - Thomas Ehrenberg - Kauko Oilio - Uwe Meulenaers - Manfred Mende - Selim Aydin - Albert Bars - Anton Tkotz - Ersin Armut - Paul Malkusch - Andreas Schmidt - Jozef Wehnert - Thorsten Hilpert / **CEFIVAL:** Bernard Mosolo - Thierry Pedussel - Sylvie Ducrocq / **ELECAR:** Italo Risoli - Adriana Callegari - Francesco Riccardi / **LIFT TECH:** Donnie Addis - James Bowen - Barry Brown - Michael Crowe - Charles Durham - Andrew Dutschke - Barry Griffin - Walter Hawkins - Ronald Holbrooks - James King Jr - Larry Pearce - David Pelfrey - Jerry Smith - Gregory Thrasher

30 YEARS

CALVI: Cosetta Mandelli / **SIDERVAL:** Enzo Codazzi / **SIPA:** Giovanni Pagani / **FALCI:** Valter Einaudi / **RATHBONE:** James Dupont / **ELECAR:** Franca Bagutti

35 YEARS

CALVI: Emilio Riva / **SIDERVAL:** Ernesto Vola / **FALCI:** Dario Olivero - Gianpaolo Acchiardo - Sergio Declementi - Antonio Garnero - Graziano Chiapale / **FIAV:** Alessandro Gorgoglione - Emilio Sabbioni / **RATHBONE:** Steven Faudree - Robert Morin - Stanley Sekula - Francis Zebrowski / **HSP:** Jürgen Milbach - Wolfgang Kampe - Dieter Rucker - Joachim Kulpok - Reinhard Blettner - Michael Weber - Frank Brüggemann - Thomas Wilmes - Uwe Eckhoff - Ulf Jänsch - Uwe Dunemann - Horst Nikolai - Hans-Ulrich Weber - Yusuf Bay - Nazifi Bice - Mustafa Oezbas - Axel Sommer - Helmut Roland - Erol Petekci / **ELECAR:** Roberto Tosca

40 YEARS

CALVI: Sonia Corneo / **SIDERVAL:** Patrizia Bevilacqua / **FALCI:** Livio Vercellone - Marco Cherasco - Marco Bergese - Mauro Riba

45 YEARS

HSP: Heinz Hoppe - Marlies Peuser - Josef Maruska - Waldemar Kerger - Gerd Lange - Heinz-Dieter Peuckmann - Jürgen Teske - Brigitte Neumann - Rudolf-Günter Richter - Rainer Kraehe - Dieter Schuster - Daud Sasral / **CEFIVAL:** Jean-Pierre Dochez

WELCOME TO OUR TEAM

THE NEW RESOURCES IN OUR COMPANIES

CALVI: Ing. SAVERIO LASALA (assistant to the production manager and responsible for management control) / **SIDERVAL:** Ing. ALEXIS GUADARRAMA (sales manager); Ing. CARLOTTA CIVERA (office worker metallurgy division); MASSIMO COLOMBINI (finishing department); FILIPPO PANIGA (finishing department) / **SIPA:** CARMELINA VELLA (sales office); ALESSANDRO RIZZETTO (sales office); EMILIO LATINO (production manager) / **FALCI:** ANDREA ROMANO (rolling production office); FRANCESCO FAROLFI (agricultural division manager); ROBERTO RIBERO (rolling line operator) / **RATHBONE:** DANIEL WILLIAMS (sales representative US East Coast); BRIAN QUINN (quality engineer); MELANIE LEONARD (administrative assistant) / **HOESCH:** MARKUS SCHMITZ (plant manager for HSP profile rolling) / **CEFIVAL:** HAROUNA DIARRA (reactor rings finishing operator); JULIEN NEDELLEC (reactor rings finishing operator); POPY BIBA MPUATANI (reactor rings finishing operator); AURÉLIE SOUFFLET (supply chain assistant); JEYAGOBURATHIRAJ (extrusion press operator); MATHIEU LEROY (maintenance technician); PHILIPPE LARD (methods manager) / **ELECAR:** GEORGE ADRIAN GHEORGHIU (painting department); ANGELO CAMMARELLA (welding department); FRANCESCO SCAGLIA (assembly department); GIOVANNI MAFFEI (assembly department); LJUBISA RUZICIC (tooling machines department); MASSIMO SABBIONI (assembly department); FABRIZIO FORTERRI (assembly department); ALESSANDRO BOTTI (assembly department); MIRKO TAPPA (tooling machines department); ROBERTO GRECCHI (tooling machines department); ALBERTO DAGLIANO (apainting department operator); CARLO MARCO DEGLI ANTONI (tooling machines department); LUIGI LAURO (tooling machines department); DAVIDE ROSSI (painting department); LUIGI TROGLIO (tooling machines department) / **LIFT TECH:** BOBBY BOWEN (general labor shop floor support); JACOB FORD BROOKS (carriages department); GEORGE ROBERT COCHRAN (final department); JASON DICKSON (fabrication department); BENJIMAN FULBRIGHT (carriages department); DANNY HALL (carriages department); JUSTIN HANCOX (assembly department); JOSHUA KING (rail center); KYLE LEMERE (carriages department); WESLEY MOORE (fabrication department); TRAVIS OTTO (carriages department); ROBERT SAWICKI (manufacturing engineer); JARED STOKES (carriages department)

CALVI NETWORK

LIGHTBAY SAILING TEAM

OUTCOMES OF J70

The Calvi Network Sailing Team once again made its presence felt in sailing regattas. The new J70 challenge involves a monotype class that has had considerable success over the last two years, to the extent that there are over 500 sailboats on the water, with a hundred of these based in Europe. For the first season in this category the ship owner, Carlo Alberini, relies on three sailors that had already been members of Melges 32 team: Sergio Blosi and Irene Bezzi, alternating with Fabio Gasperoni. The tactical side is covered by the Slovak talent of Branko Brcin, a well-known name in international sailing.

Alberini's boat and crew immediately showed their winning form. Following its debut in the Coppa Italia, the crew quickly dominated with four consecutive wins: in Alassio on April 16th, Sanremo on April 27th, Scarlino on May 11th and Marina di Scarlino on June 2nd. Next appointments at Riva del Garda, end of July, for the fifth stage of the Coppa Italia, and in September, when the European Championships get underway.



REPARTO CORSE

CALVI NETWORK POLIMEDICAL

OUR BIKERS



The Calvi Group has been lending its support for over a year now to the Polimedical ASD sporting association, which was established in 2013 by mountain bike professionals and enthusiasts. After an initial season of consolidation and success in the main competitions, 2014 saw the Reparto Corse Polimedical Calvi Network team take the lead in the Marathon fixtures on the Italian calendar, as well as the most important international competitions. The team accepted the challenge with a great deal of enthusiasm and commitment, achieving excellent results with its two athletes - the Italian Giacomo Antonello, a champion who is also a member of the national XCM team, and the Belgian Frans Claes. The most significant finishes include 5th place overall for Giacomo at the Italian Valcavallina Superbike Championships, 9th place at the prestigious World Cup Marathon at Roc Laissac in the French Pyrenees, and third place overall in the GF at the Parco del Marguareis (Cuneo); for Frans, fourth place in the "Proseccchissima" at Miane (TV) and fifth position overall in the UCI Belgian Mountainbike Challenge at La Roche en Ardenne. The season continues and the Reparto Corse Polimedical Calvi Network team pursues its adventure, living up to the ethical approach it has always adopted in protecting the health of its athletes.

THE STORK'S CORNER

WE ARE VERY PLEASED TO ANNOUNCE THE BIRTHS AMONG OUR COLLABORATORS' FAMILIES. WE WISH THEM AND THEIR KIDS A PEACEFUL FUTURE, FULL OF SATISFACTIONS.

SERENA (Nicolai Parpala - FIAV) / WASSIM (Riad Merabet - FIAV) / KENJI (Adeline Senelier - CEFIVAL) / CHAINESE (Ben Amar Ben Moussa - CEFIVAL) / MARION (Jeremy Detti - CEFIVAL) / RAPHAEL (Julien Nedellec - CEFIVAL) / NICOLÒ (Claudio Marchesi - SIPA) / ASIA (Saverio Lasala - CALVI) / ALYSA (Tiziano Colleoni - CALVI) / GIULIA (Giovanna Gobbi - ELECAR) / LAURA (Diego Longo - ELECAR) / ROSA (Francesco Di Vincenzo - ELECAR)



MATILDE
Massimiliano Tentori
(CALVI)



LUCA
Simone Grigatti
(CALVI)



MATILDE
Massimiliano Cantù
(CALVI)



ALESSIO
Michele Siciliano
(FIAV)



GAGE
Gary Staggers
(LIFT TECH)



ANTONELLA
Valentin Mihali
(FALCI)



CRISTIAN
Veronica Valagussa
(SIPA)



CAMILLA and GAIA
Paolo Crivellari
(FALCI)

