



Giornale – Newspaper – Zeitung N. 00 February 2013

It looks like yesterday that a new idea was born, a technical idea, the company Tecnidea Cidue S.r.l. . There is one certainty only in the mind of a founder: the goal to achieve; in fact the inclination to grow and to create new solutions and products has always been the mainstay of Tecnidea Cidue.

Tecnidea Cidue on February the 16th -2013- is going to celebrate, with a gala dinner, its 25th anniversary; this will be the chance for the team of Tecnidea Cidue, with great satisfaction, to meet up with customers, suppliers, partners and especially with dearest friends, to celebrate the anniversary as a big working group, as great group of experts, as a big family.

16 Febbraio 2013



25 Anni di dedizione

Tecnidea Cidue festeggia il suo 25° Anniversario ed è lieta di invitare

Sig. Franco Canova con Francesca



 **25 Anni di dedizione** 

16 Febbraio 2013
Ore 19.00

Antico Casale dei "Tre Camini" Costermano (Verona)

PROGRAMMA

Ore 19.00 Cena
Ore 21.30 Open Bar con degustazione di vini e formaggi locali
Ore 22.30 Primi piatti a buffet Torta e caffè

Il bar rimarrà a disposizione degli ospiti per tutta la serata
L'evento sarà accompagnato dal gruppo musicale "Vottavia"
www.vottavia.it



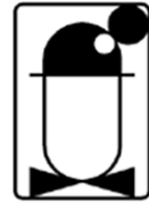
Giorgio Canova



25 YEARS... OF DEDICATION. The history of Tecnidea Cidue

January the 15th 2013 is an important date, it is not only my birthday, it is even more important because 25 years ago (15.01.1988) Tecnidea Cidue S.r.l. "TC2" was founded.

I established it in order to introduce to the power transmission world some innovative products, which would have given a positive contribution to the natural evolution of the mechanic applications.



TEN BLOC



The very first product realized was the automatic axial tensioner TEN BLOC; I still remember with great emotion the joy that gave me to make it and see it in operation. TEN BLOC was also my first patent and after this one, many others have followed, but it isn't possible to forget the first love and, in spite of the years, it is still more current and it is more and more used in the mechanical applications. Its use is so widespread that exactly during these months we are finishing an evolution of this product with new technical solutions that will allow us to deposit new patents.



Many people are attracted by the music or the acting, the poetry or the painting etc..; as far as I'm concerned, I have always had and I still have a total passion for the technical sciences and for the mechanics, in this field I feel fulfilled, I have many satisfactions and professional delight, but above all, I find every day the force to start again to fight in order to win my daily technical battle. A long time is passed and in Tecnidea Cidue many other products were born, they gave their innovative contribution to many areas of the mechanics. I remember the dovetailers and the connection units CAFRA S. This is a product that can be used to connect the mobile couplers or the metallic structural works. Its main feature is to exploit the plastic elasticity of the metals; in the specific case a mechanical component made of steel, to which is transferred a mechanical force, it passes the force to another element to which it is assembled, deforming elastically the metals interested until to the persist of the force, making it bound to it, when the force ceases, the components recover the original status and they can be separate easily.

CAFRA SCHLÜSSEL



ARCO

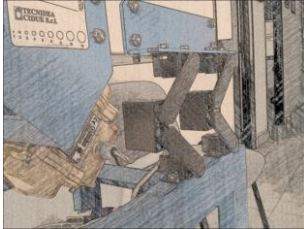


Then came ARCO, an elastic rotating element completely made of steel, compact and that can work in very heavy conditions as low and high temperatures.

OLIO

ARIA

ARIA & OLIO are the products created after ARCO, which are the maximum of the technology known at the moment, since they can work in thrust or in drag condition, with low or very high forces but, above all, they can be connected to monitoring circuits and to functional control circuits that integrate them perfectly with the needs of the machine.



CRESA, VIB and CIAO are three range of products that exploit the same functional principle, that is the elastic deformation of four rubber cylinders, lodged inside the hollows resulting from the coupling of two square-section elements rotated 45° with respect to each other. CRESA made of steel and CIAO, made of plastic, are essentially elastic rotating elements that are prevalently used as automatic chain tightener and belt tightener, equipped with the relative specific kits.

CRESA VIB

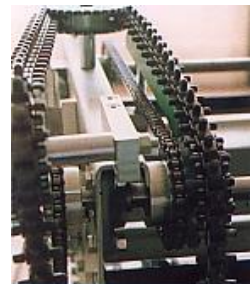
VIB even though exploits the same functional principle, it proposes itself in different configuration that allow to comply with many applicative solutions in the vibrating-damping, oscillating, shock absorbing, insulating and suspension systems.

Basically is a natural caoutchouc-based spring that, besides to insulate the structural works that compose it, it can easily used to interact with the wave frequency created mechanically both absorbing them and going along with them also in amplification.

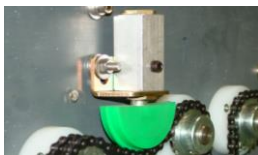
CIAO

Finally came 3KD, the multidirectional chain or, as the German called it, "the Kardan Ketten". This is the first real news in the world of the transmission since when 500 years ago Leonardo Da Vinci invented the first chain with links made of wood. As it is universally know, the mechanics is two-dimensional, or better, the transmission with the roller chain is two-dimensional; that means that the allowed movements are only on two directions and therefore on a surface, and every time that you have to act on orthogonal positions or with different angles of incidences, you have to resort to systems which are laborious and complicated, as the bever gear pairs, the angular transmissions or the reduction units that project orthogonally the movement. To understand the evolutional importance of 3KD in the mechanics, suffice is to think to which would be our life if we would be forced to a two-dimensional existence, that is we would be free to cover every trajectories on an hypothetical flat sheet, but it would be denied us the height, therefore three-dimensionality of our being; I think that it would be terrible, well, the mechanics is forced in this dimension and the machines have obligatory the same constructive forms. The 3KD chain finally raises the mechanics to the three-dimensionality, opening new horizons, but above all, allowing to the designers and to the technicians new stimulating building solutions that until now were denied.

3KD



ASSO



TEN JOY



After this phase of great energy in motion, that among other things is still lasting, arrived ASSO, with well defined application features that make it the ideal product in many applications. Its special structure allows us to develop it in original and extremely functional configurations.

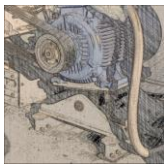
The world of the construction is really infinite and each machine has its special features and needs; the roller tables or roller conveyors are machines with typical wall lateral chain transmission that need of specific tighteners. For this use we built TEN JOY and, as you can see by the catalogue, its shape fits perfectly into this context. In the same catalogue is illustrated also MIX, a small manual tightener, cheaper and more useful, since its configuration is suitable for three different uses.



BLU and BLUD are recently built and maybe it is for this reason, together with the fact that they are made of plastic, that, furthermore to be technically effective and reliable, they are also aesthetically very nice, this factor contributes more to enrich the machines on which it is used. Many are the application and functional features of these products, but I like always to remember its ability to be enlightened by a Led positioned inside its yellow colored column, this technical feature allows to this product to give, where required, a great contribution to ensure the security of the operators of the machine, so eliminating at least some unhappy a painful accidents that so frequently happen at work. In the recent times BLU and BLUD have been supported by BLUB BLUC, two new automatic chain tighteners that increase the application proposals in this typology of products.



The last that is born in Tecnidea Cidue is the motor base; also this product exploits the same functional principle of CRESA, CIAO and VIB, that is the springs in natural rubber. This article recovers the elongation of the belts during the working, swinging the motor that is assembled directly on the rotation axis of the motor base. The particularly rugged structure allows very heavy purposes and its building simplicity permits the use also on high powers 250kw and more, and in difficult and dirty environments, as long as compatible with the materials used.



To these products during the years have been supported also other articles, that mainly are only marketed, this only on the purpose to supply a better service to the customers. Anyway the industrial strategy of Tecnidea Cidue remains to create new products and to suggest new applications for reliable and innovative solutions, exactly according to this principle, in the next months on the occasion of the Hannover Fair of April 2013, will be showed the new products, some of which covered by patent; but other new ideas are already emerging and that means that we will have much work to do, but also that new articles will add to our range, that is already very wide.



During all these years we got in a long way also commercially, and in this moment Tecnidea Cidue exports about 70% of its production in more than 50 Countries all over the world and our investments are also directed to increase and to consolidate our presence on the foreign markets. Our commercial department is always very active, both concerning the promotion and the information of our construction program, but very appreciate is also the technical and technological support that we offer every day gratuitously to our customers; in fact, daily, our sales force, in collaboration with our engineers, communicate calculations, drawings, technical cards, photos etc. to the customers that ask our help.



I take advantage of this occasion to underline the ability, the enthusiasm and the competence of our employees and of our collaborators and on this subject, I remember that more than 40 are the companies that, for different reasons, collaborate with Tecnidea Cidue in the construction of our products and it is also thanks to their work that Tecnidea Cidue lives, works and develops itself.

I want to thank also all our customers who in 25 years of collaboration allowed us to have millions of products that work in the more disparate industrial sectors all over the world.

Franco Canova

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TECNIDEA CIDUE
S.r.l.
ideas in motion...

**25 Years
of
Dedication**