

LEADER PLANTS FOR PLASTIC AND RUBBER INDUSTRIES

An activity of more than one century, since 1878, traced out the progress and development followed up by RODOLFO COMERIO to achieve its actual leader position in the production of machines and plants provided with the best know-how for processing both plastic and rubber sheets. The new premises located in Solbiate Olona, over an area of 35,000 sqm, including more than 15,000 sqm of sheltered facilities, is provided with the most advanced requisites to face with success the forthcoming challenges of the XXI century:

- CAD by work-stations
- CIM by interactive computers
- CAM production by multifunctional work-stations

CALENDERING LINES FOR PLASTIC MATERIALS

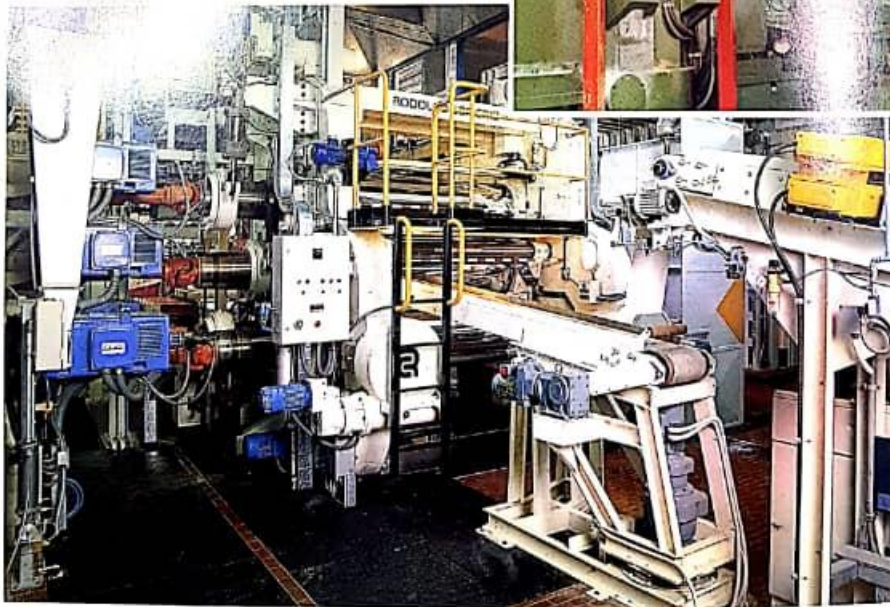
It is the most prestigious production and covers the whole range of laminable materials: S-PVC, E-PVC, ABS, PP. The high precision calenders, "F" or "L" shaped, with 4 or 5 rolls rotating on bearings, are provided with the well-known post-calenders characterized by the high efficiency small rolls, assembled in the technologically most suitable position. Highly sophisticated winders granting an extremely precise tension control on the film, and suitable to wind high diameter ranges of single or multiple bobbins, complete the lines.



BAT



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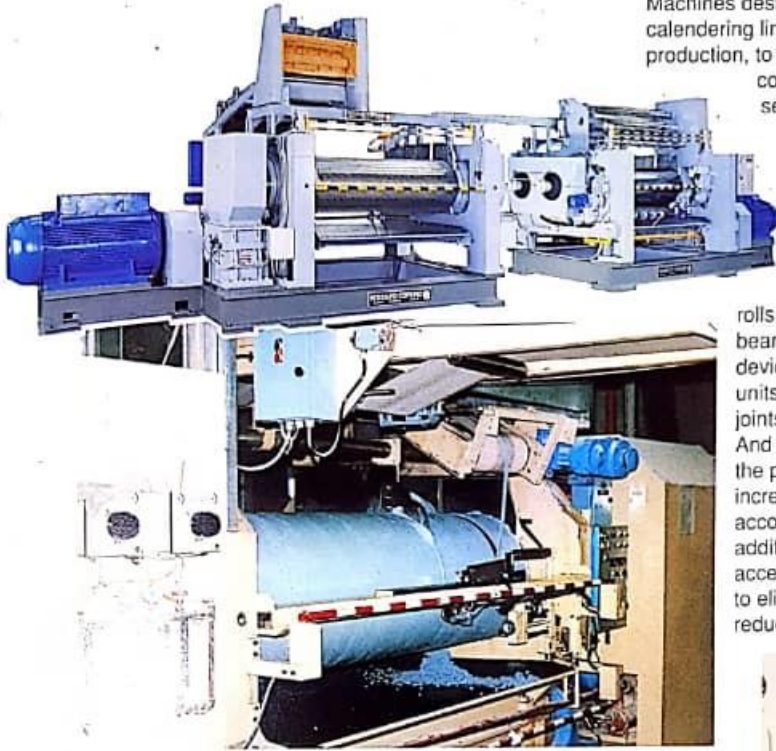
A. P. Comerio LITH.

ROLL MILLS

Machines designed to be installed in the calendering lines for plastic and rubber production, to be used in series in compound preparation rooms or separately to perform various functions, they all involve the fundamental principles of sturdiness, manoeuvrability and economy. These principles are exalted by the use of steel frames,

rolls supported by self-aligning bearings and transmission devices consisting of reduction units and independent cardan joints.

And nowadays, the automation of the production processes is increasingly required and accomplished through the addition on the 2-roll mills of accessories purposely designed to eliminate manual procedures or reduce them as much as possible.



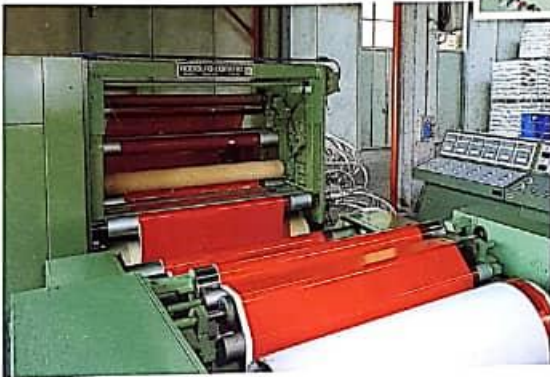
LABORATORY MACHINES

Mills and calenders for all mixing requirements, gauging and development of the products requested by the Analysis Laboratories and Research Institutes, or for testing and setting up new production processes to be transferred to the production lines.

Machines designed in order to get the best accuracy and operational simplicity and to be provided with sophisticated computerized devices to set, control, gauge and reproduce the most important process parameters.

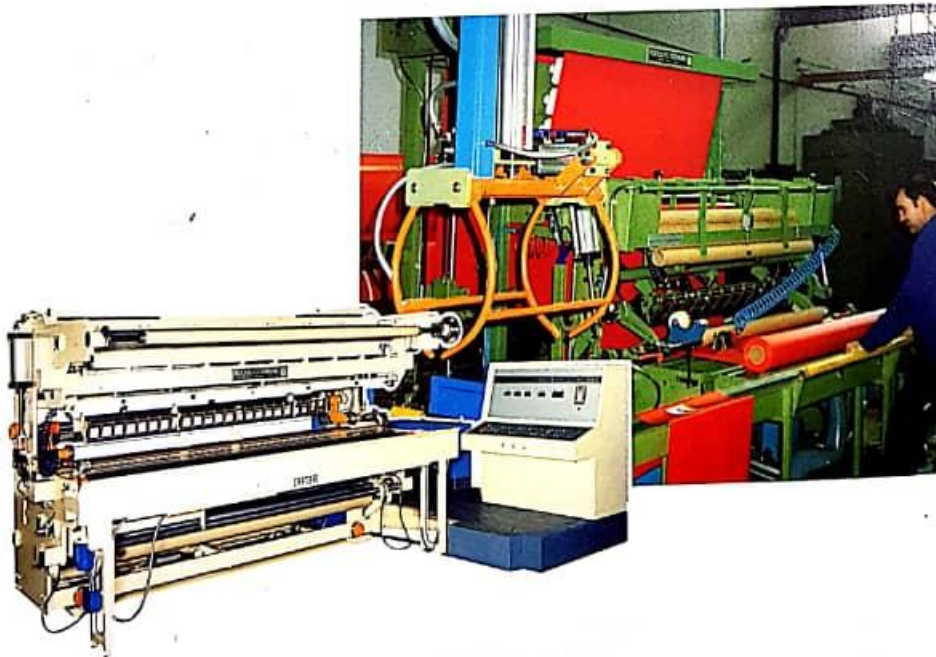
LAMINATING AND EMBOSSING LINES

Suitable for thermal lamination of 2, 3 or 4 films, for both thermal and adhesive lamination of sheets, compact fabrics, wet fabrics, knitted fabrics, woven-non-woven, felt, compounds made of fiber glass and paper, and for surface embossing of PVC, ABS, PUR, PE films. Sensational is the success which can be achieved, thanks to the great advantage given by the possibility to preheat without straining the sheets, laminate with the best dimensional stability, emboss with remarkable speed and cool them evenly.



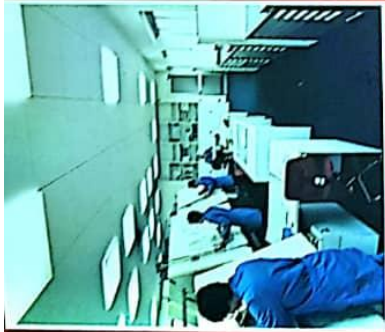
REREELING AND REWINDING MACHINES

Ideal machineries suitable for quality checking, winding and automatic packaging of bobbins of PVC or PE in single layers or laminated with other films, with fabrics of various nature or with paper. Threading, preset length winding, film cutting, bobbin unloading and loading of the new paperboard, packaging and storing of the finished product follow one another in a fully automatic cycle. The highest output speed and the least wastes and manpower employment are the most pursued aims.



DIINA RODOLFO COMERIO
BUBIO ABBIZIO





TECHNOLOGICAL PROGRESS

RODOLFO COMERIO has always been a leader amongst producers of machinery for working PVC and rubber. This position has been maintained by constant methodical research into production processes and the application of up-to-date techniques to improve the quality and increase the quantity of our products.

Here is an example of one of the many ways in which we have applied technological research to industrial production:

In 1968, RODOLFO COMERIO first successfully used closely spaced, small diameter rolls (65, 100 mm) for the stretch treatment and coating of the PVC sheets coming from a calendar. These rolls were driven, either individually or in groups, by temperature-controlled DC motors. From that moment, this new technique was recognized as the best and took over from the old techniques.

IL PROGRESSO TECNOLOGICO

La ricerca costante e metodica nell'ambito dei processi produttivi e l'applicazione di soluzioni sempre nuove, serviti lo scopo di migliorare qualitativamente e quantitativamente il prodotto di trasformazione, hanno sempre collocato le RODOLFO COMERIO in una posizione leader nel campo dei costruttori di macchine per la lavorazione di PVC e gomma. A conferma di questo, siamo uno dei tanti esponenti di ricerca tecnologica applicata alla produzione industriale.

Nel 1968 la RODOLFO COMERIO, per prima, introdusse con successo, per il trattamento di stiro e stiratura, delle rotelle di PVC in piccoli diametri (65, 100 mm), impiegate con piccoli gruppi motori (da 0,5 a 100 mm) azionati tra loro da motori, singolarmente o a gruppi, azionati da motori in corrente continua e termistatati. E da quel momento, questa nuova tecnica ha sempre più soppiantato le precedenti, affermandosi come la migliore.



QUALITY

Good quality is the best advertisement and for this reason RODOLFO COMERIO always produces high quality machinery.

We are very proud of our quality control standards which are extremely rigid and costly.

All the machines which we produce are tested at each stage of production and are then given a final test lasting for more than 24 hours.

We owe our success to the painstaking care we give to each detail.

This is evident in both complex installations and individual machines and the satisfaction expressed by our clients at having chosen a RODOLFO COMERIO product.

We therefore have no hesitation in guaranteeing to maintain and even improve our quality.

LA QUALITÀ

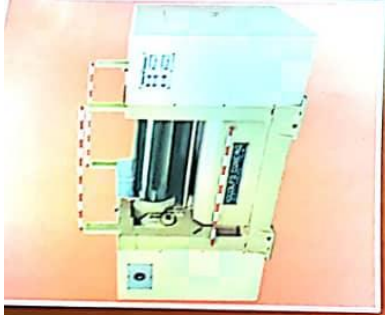
La buona qualità è la miglior pubblicità che si possa fare; per questo la RODOLFO COMERIO si è imposta di produrre macchine di qualità.

Le norme di controllo che applichiamo sono assai rigorose e dispendiose ma costano poco per noi in quanto rimunificabile.

Per tutte le macchine di nostra costruzione vi sono controlli in ogni fase della lavorazione oltre ad una prova finale superiore a 24 ore di durata.

Quando valga questo nostro impegno e l'accuratezza che poniamo nel realizzare ogni dettaglio, lo dimostrano sia il successo ottenuto al momento della messa in marcia di impianti complessi e di macchine singole, sempre positivi anche nei piccoli particolari, sia la soddisfazione espressa dai nostri acquirenti per avere giustamente scelto un prodotto RODOLFO COMERIO.

Da questa soddisfazione, che si trasforma nel tempo in sempre maggiore preferenza dai nostri prodotti, deriva il nostro impegno di garantire non solo il mantenimento di questa qualità, ma di migliorarla in continuazione.



DESIGN

RODOLFO COMERIO has always paid attention to design in the construction of its machinery. Our designers work to the following fundamental principles:

— The introduction of a modular system consisting of many elements. This has the double advantage of batch manufacturing assembly, giving higher quality, more flexibility and quick and easy replacement.

— A compact design, combining the requirements of minimum overall dimensions, minimum routine maintenance and maximum safety for the operators.

— Maximum safety for the operators in the case of operational errors.

IL DESIGN

La RODOLFO COMERIO per prima ha prestato attenzione al design nella costruzione delle sue macchine, studiando le forme.

I progettisti hanno così ottenuto tre obiettivi fondamentali:

— l'introduzione del sistema modulare, consistente di molti elementi. Questo ha il doppio vantaggio di consentire l'assemblaggio di serie, di ottenere macchine di qualità superiore e di consentire il rapido e facile sostituzione dei componenti.

— un design compatto, che consente di ottenere macchine di dimensioni minime, di manutenzione minima e di massima sicurezza per gli operatori.

— la massima sicurezza per gli operatori in caso di guasti o di errore di condotta della macchina, attraverso la presenza della stessa in caso di sovraccarichi o di altre manovre.