



NEW

THERMOPLASTIC STRIP BUILDER

Much to the interest of some rubber guys and cast urethane advocates, Remco started working with thermoplastic elastomers (TPE's) over (8) years ago. This has been a very major project for a small company but we have had some very good help along the way from some very good large companies and small companies, a handful of interested rubber guys and cast urethane specialists, and some other, very intelligent individuals. Without their help and encouragement, we would have never got involved with thermoplastic materials in the first place and would have long ago, given up and gone home. To date, our TPE project is alive and healthy. We have just completed our most recent Thermoplastic Stripbuilder demo machine with all the bells and whistles needed to satisfy every dream of any elastomer entrepreneur. The challenge from the beginning was learning about the endless lists of thermoplastic materials and their many uses. This part is still on-going but the technique is working well and we are more than satisfied with the results. Recent strip tracking improvements help make the initial strip layup more automatic and improvements allow for higher extruder output speeds. Work has also been done on more exact dimensional control of the applied elastomer.

サーモプラスチック ストリップビルダー

ロール成形機 TPB3100Tシリーズ

TPB3100Tサーモプラスチックストリップビルダーはウレタン、ナイロン等の成形可能なサーモプラスチック材でのロール製作に利用されています。ローラー、ベルト、パイプ、スリーブ、あるいは他の様々な円筒形製品の作製も可能です。

REMCO社のロール成形機はどれも、エクストルーダーとアプリケーションによって構成されています。これらは、ロール用マンドレルの長さに沿って移動するプラットフォーム上に設置され、異なるロールの条件(長さ、重量、外径)のもとで最適に対応出来るようデザインされています。

他のREMCO社製機器と結合することもできますので、必要に応じて機器のカスタマイズも行います。

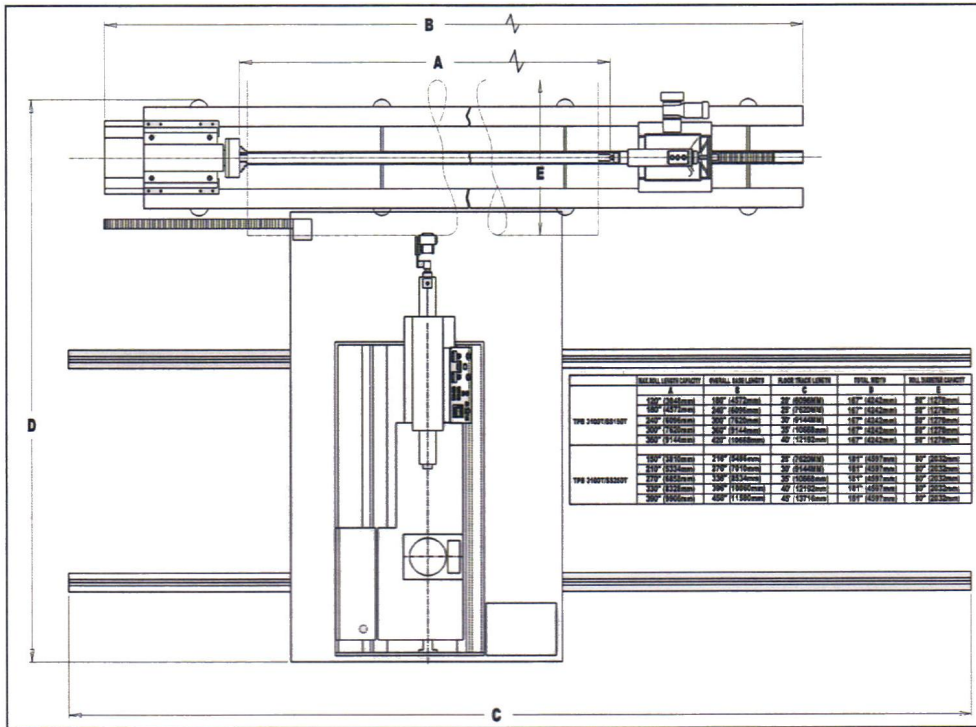


溶融加工可能なサーモプラスチック材 :

スチレン、オレフィン、ポリエステル、熱可塑性加硫物(TPV) ポリウレタン、ポリオレフィン、ポリアミド(ナイロン)、ビニール



*Model shown - TSB3100 With lightweight spin station SS150



サーモプラスチック ストリップビルダー 仕様

一般仕様

最大ロール径 : 1270mm
 エクスルーダー : R300型
 スクリュー径 : 76mm



回転チャック
(オプション)



ストリップビルダー スピンステーション(旋盤) オプション

オプション	SS150T	SS150THD	SS250T	SS480T
最大重量	1130kg	2260kg	4530kg	6800kg
標準長さ	3048mm	3048mm	3810mm	4572mm
延長単位	762mm毎	762mm毎	762mm毎	762mm毎
最大ロール径	1270mm	1270mm	1270mm	2030mm

www.rollerequipment.com



NEW

MATERIAL CONVEYING SYSTEMS FOR THERMOPLASTICS

Clever methods for storing and conveying thermoplastic pellets to feed an extruder are available as part of our THERMOPLASTIC STRIP-BUILDING SYSTEMS. Multiple compounds can be stored, dried or conveyed when needed with various levels of programming available. These systems have been designed for the plastics industry and have been refined well beyond anything offered for the rubber industry, offering the thermoplastic processor complete material handling automation. Blending and coloring equipment is also available as part of our TPE system or as additional equipment.



NEW

LET-OFF SYSTEMS FOR WIRE, CORD, FABRIC ETC.

In addition to our Tape Wrap Attachment, we have built other devices for continuous spiral wrapping of materials used for reinforcement, protection, curing, shipping, processing, etc. Complete machines can be designed to accommodate just about any wrap operation with various levels of automation included.

特徴とオプション



MULTI-PURPOSE TOOLING STATION

This very functional feature can be sold as a stand alone machine or added as an option to newly manufactured Spin Stations supplied with most strip building machines. The tooling station offers the operator many options in addition to the primary function which the spin station was designed to perform. Some of the options include tape wrapping (or applying other reinforcing materials), trimming, tooling, grinding, light machine work, applying adhesives, etc. The traversing tooling station has its own controls that are independent of other operations. Infinitely variable spin and traverse drives means there are few operations that cannot be done on this essential piece of equipment. A 4-position quick-change tool post is standard. The concept of changing operations vs.

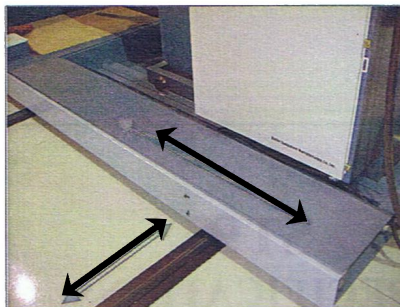
特徴



使いやすい操作盤

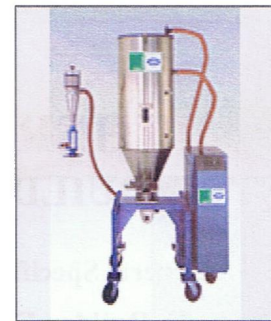


容易な材料着色



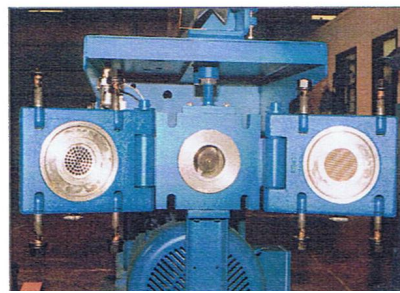
押出機の左右前後の平行移動により、様々なロールサイズに対応

補助装置

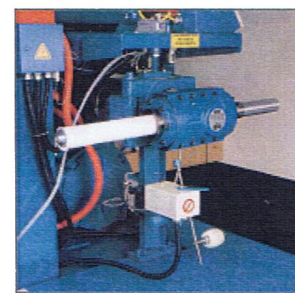


乾燥・リサイクル用の補助装置に関しては別途お問合せ下さい。

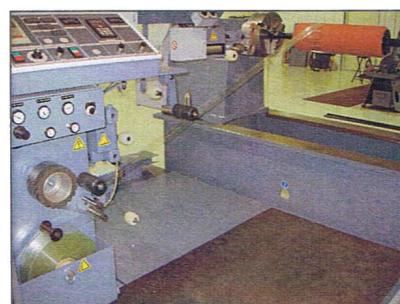
オプション



デュアルスイングヘッド



小型ローラー用クロスヘッド



テープラップ