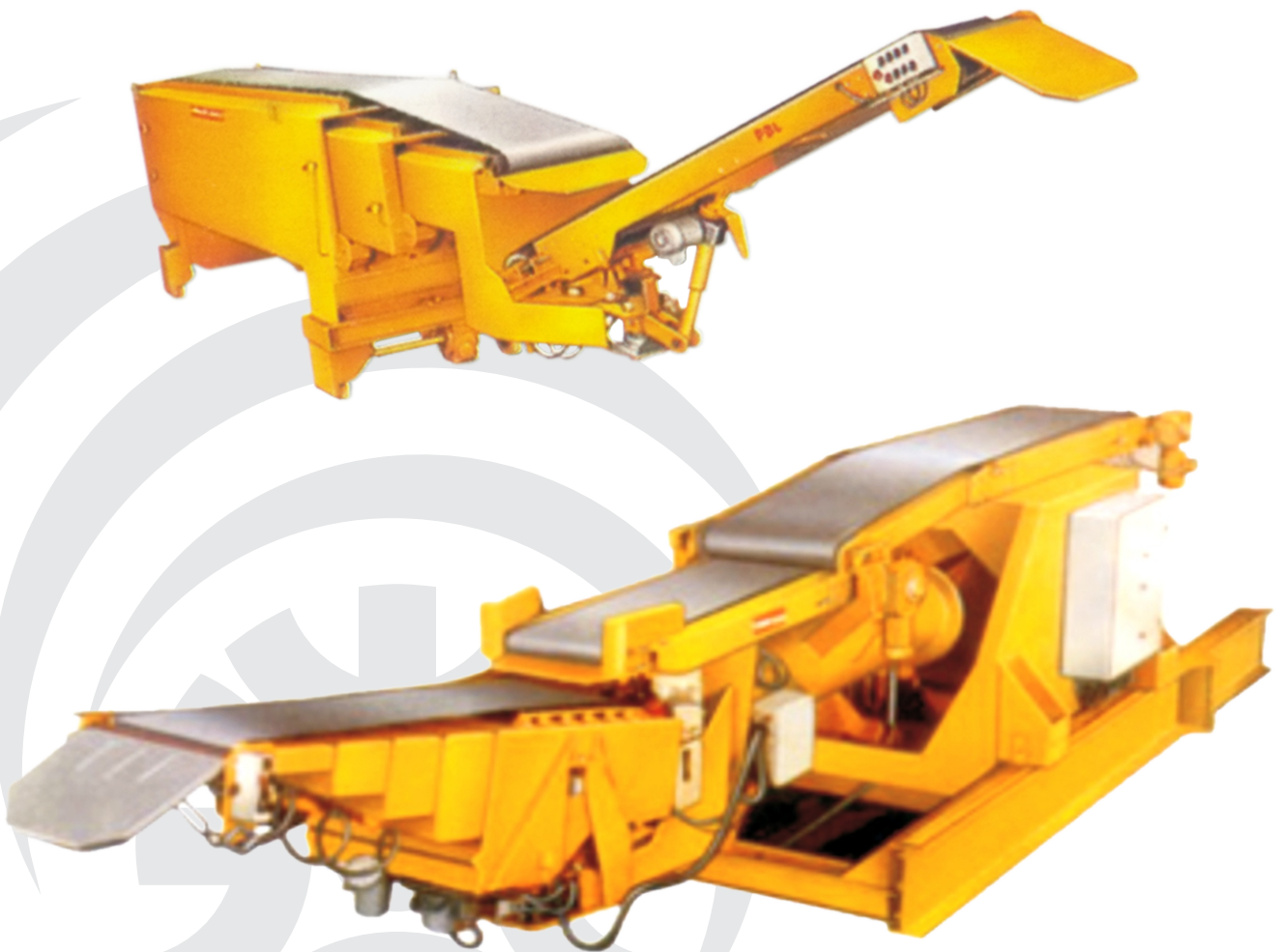


TRUCK-WAGON LOADERS



Introduction

The problems involving the handling of bags are both varying and critical to solve. Numerous factors like cost price, better working condition, speed and efficiency are to be taken into consideration.

That is why, no bag handling expert may claim to offer a "good to all" tool. In many cases an existing device must be adjusted to the job or a new one is to be created.

Being in the field of material handling and having gathered experience of number of years in bag handling systms, we at PBL, have now ventured into the field of manufacturing automatic Wagon and Truck Loaders with technical back up from M/s. Boubiela of France who are one of the leading manufacturers of Europe. They have a well established Research & Development Department and with their unique technique and experience, they have created a niche in bag handling and loading systems. They have to their credit supplied large number of bag loading machines to leading plants world over.

Stationary & Mobile Truck Loading Machines

For efficient and automatic loading of bags at the rate of 2000 bags/hr of 50 kgs each, PBL can offer Stationary as well as Mobile Loading Machines with standard, alternatively telescopic belts.

The bags received on the receiving conveyer are transported to the loading conveyer of the truck loader which can enter the truck from the tail end and can reach to the front end. For installations where space is a constraint, PBL can offer truck loader with telescopic arrangement. However, if cost is the constraint and enough space is available, an ordinary mobile truck loader can also be offered which moves to and fro on the rails or on the inflated tyres and the loading in the truck is done by means of a small loading conveyer of about 2 mtrs. length. Special models are also available like fixed type truck loaders as well as the one moving across the platform for multiple loading of trucks.



Wagon Loading Machines

Standard covered Railway Wagons can only be loaded through relatively narrow side doors. Therefore, bag loading machines for these wagons must be constructed in such a way that they may enter the side doors and swivel in order to reach the end of the Wagon. For this form of application PBL Wagon Loaders are built in such a way that they can enter the wagon, swivel depending upon the side of the wagon to be loaded and reach the end of the wagon by means of a telescopic conveyor so designed. Provision is also there for luffing of the telescopic conveyor to reach the total height of the wagon for automatic loading of the bags smoothly and at a faster rate.

The bags going from the main bagging plant on the conveyor are directly received on the receiving conveyor of the Wagon Loading machines by means of bag diverter or a chute so provided. PBL Wagon Loading Machines can handle all types of standard bags used for Cement, Fertilizers, etc. and the bagging rate of the order of 1600 bags/hr. of 50 kgs. each can be

achieved with the help of hardly two operators - one for operating the machine and the other for guiding the bags at the discharge end of the telescopic conveyor which is provided with a special discharge tongue / jib.

A rake of Railway Wagons can be loaded very economically with PBL Wagon Loading machine which can move on wheels through the entire length of the platform parallel to the railway line and shunting of wagons to the point of loading is not at all necessary.

PBL can also offer Wagon Loading machines which can load the bags in the rakes on either sides of the platform. This is a special machine which has got two telescopic conveyors - one for loading the rake on the RH side of the platform and the other on LH side.

