

Bundlemaker



The Bundlemaker is a single lane manually fed automatic collector and counter of small items such as hand wipes, terry towels, bar mops etc; Once the pre-determined stack count height has been reached the completed bundle is folded in half and discharged onto an integral stack-receiving conveyor. The Bundlemaker is capable of processing items that are continuously fed at a rate of up to 2000 per hour (dependent on operator dexterity and material being fed).

An optional Bundlestacker can be supplied which can stack the completed bundles prior to discharge.

Bundlemaker



Method of Operation

Items are hand fed and measured by a reflective photosensor in conjunction with the control system. Once the item has passed through the primary conveyors, controlled air jets direct it onto a blade with the mid point position of the item being held on the edge of the blade by a friction plate. Following items are then laid on the top of the previous one in the same manner until the pre-set bundle count height has been reached. The extremely rapid forward movement of the blade, folds the completed bundle in half while simultaneously transferring it to the discharge conveyor (See Note). The blade is then returned to its original position ready for the process to continue. Between 5 and 50 items can be accumulated into a bundle depending on thickness and size of items.

Note: If the optional Bundlestacker is supplied, the completed bundles are transferred automatically onto the receiving plates of the drop stacking mechanism. These plates separate at high speed and allow the bundle to drop onto the integral stack-receiving conveyor below. Subsequent bundles are then placed on top of each other until the pre-set stack count height is reached. The completed stack is then transferred onto an elevating conveyor, which can be configured to discharge either to the left or the right. The stacks can be manually removed or the height adjustable elevating conveyor can be connected to other conveyors of packaging or tying machines.

Typical Stack and Bundle Combinations

Type	Quantity in Bundle	Bundle Stack Quantity	Total Items
Wipes	5	10	50
Bar Mops	10	5	50

Machine Capacity

Maximum item size	300mm x 300mm (12")
Minimum foldable width	500mm x 500mm (19.5")
Maximum bundle height	100mm (4") approx
Maximum bundle stack height With Optional "Bundlestacker"	100mm (4") approx



Bulwark Industrial Estate, Bulwark, Chepstow, Monmouthshire, NP16 5QZ, United Kingdom.

Telephone Number: +44 (0)1291 622036 Fax Number: +44 (0)1291 627350 www.hjweir.co.uk email: sales@h-j-weir.co.uk