

# TBU SERIES

Mobile Bagging Unit



# The Complete Transportable Bagging System



Transportable Bagging Systems provide operational flexibility - giving fast return on capital investment. On-site movement and site-to-site transportation means that up

to 120 tonnes of bulk delivered or stockpiled materials can be bagged each hour...at the right time...in the right place

## Versatile Cargo Reclamation / In - Loading

- Cargo reclamation and in - loading systems matched to the Bagging Unit output.
- Fixed or mobile elevating troughed belt conveyors fitted with integral material intake hopper.
- Indirect loading via dump hopper and elevator
- Elevating Systems.
- Pneumatic conveying-Bagging Unit fitted with inbuilt intake cyclone.
- Direct loading by mechanical grab (up to 2 tonnes).

Point-of-sale or distribution bagging of grains, fertilizer etc provides benefits of improved and more flexible unloading facility utilization. Reduced costs result from faster shipping or rolling stock turn around times, and lower demurrage and wharfage.

Reed Medway's one source supply capabilities removes all the headaches from the customer. Reed Medway supply total systems, from product stockpiling/reclamation and in-loading stages through to the outloading of accurately filled bags to storage or direct to transport. Alternatively just the Transportable Bagging Unit for operation with existing site plant and facilities

## Flexible Cargo Stockpiling

- Cargoes can be stockpiled from ship, rail wagon or lorry.
- Fixed or mobile troughed belt conveyors with optional head extension conveyors, or throwers to increase stockpiling capability.
- Conveyors and loaders
- Electric or diesel powered pneumatic blowers.



## Proven Operational Reliability

The transportable bagging unit comprises of two ISO Series I Shipping containers modified with side openings, flooring and support members, with integral well proven Reed Medway weighing and bagging equipment. The top container houses material hoppers and weighers, and the bottom container the discharge chutes, bagholders, sewing heads and conveyors.

- Optional wheel assemblies and tow bar can be fitted to the lower container to facilitate movement of the unit.
- Manual leveling jacks for stability during operation.
- Units supplied with plug and socket connections for site electrical and compressed air supplies.

- Optional air compressor and / or alternator set for total independent operation.
- Integral lighting in upper and lower containers to allow 24 hour operation.
- Net bagging weighers, 'bird-beak' bagholders and stitching conveyors are all suited for prolonged, reliable operation with minimal maintenance in extreme environmental conditions.
- Optional material contact parts to take into account cargo properties for optimum equipment longevity.
- Optional Magnetic grid separators to remove steel impurities.
- IBC weigh-filling versions available

## Maximum Operator Confidence

- Extending protective sun shade canopy
- Optional Clean-out floor mesh grilles
- Integral ladder in the lower container to allow easy access to the upper container
- Optional dust extraction system

## Versatile Bag Outloading

- Stitching conveyors manually extend out of the lower container to facilitate simple bag out-loading
- Range of telescopic lorry loading conveyors
- Mobile horizontal conveying systems
- Telescopic boom loaders for ship / barge loading

## Specifications

	TBU 900	TBU 1800
<b>Throughput:</b> .....	45-60 t/h.....	90-120 t/h
<b>Output:</b> .....	900-1200 bags/hr.....	1800-2400 bags/hr
<b>Material Hooper Capacity:</b> .....	4m <sup>3</sup> (gross).....	6m <sup>3</sup> (gross)
(extendable sides, manually raised from container top)		
<b>Weighments:</b> .....	25kg/50kg/ Standard .....	25kg/50kg/ Standard
<b>Dynamic Accuracy:</b> .....	± 0,25% (depending on product).....	± 0,25% (depending on product)
<b>Bag Types:</b> .....	Open-Mouth Jute, Cotton .....	Open-Mouth Jute, Cotton

## Operating Environment

<b>Temperature Environment:</b> .....	Min -5°C, Max 50°C .....	Min -5°C, Max 50°C
<b>Humidity:</b> .....	Greater than 100% Relative Humidity....	Greater than 100% Relative Humidity
<b>Wind speeds:</b> .....	Up to 100km/h.....	Up to 100km/h

### TBU 900

Two weighers and single sewing line

### TBU 1800

Four weighers and two sewing lines (bag discharge at same end or opposite ends of unit)  
Performance data for the IBC version available on application,  
Outputs dependent on the IBC type



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