

PATCHETT MANURE BELT CONVEYOR



This conveyor has been designed to provide a quick and efficient method of removing manure from poultry houses, after it has been discharged from the ends of cage rows.

The conveyor:

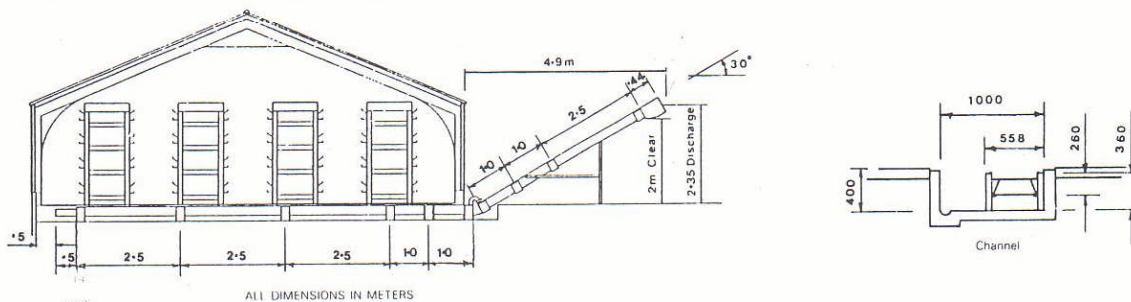
- ☆ has a high transfer rate
- ☆ has a belt driven by a sealed motorised pulley
- ☆ can be horizontal or inclined up to 30 degrees
- ☆ has a 30 degree bend section

CONSTRUCTION

- ☆ Galvanised steel frame, 26cm. high or with legs giving an overall height of 36cm.
- ☆ Where the horizontal length is more than 12m., we supply twin inclined rollers and flat rollers to support the belt, both types running in sealed ball bearings.
- ☆ 40cm x 5.5mm. 2 ply corded black rubber conveyor belt, supported on nylon rollers which are easily accessible and removable.
- ☆ The belt runs at 75m/minute and has a vulcanised factory joint.
- ☆ Sturdy adjustable steel support legs for elevator, braced to conveyor.
- ☆ Drive provided by 4 h.p. lagged motorised pulley at discharge end with hard rubber pinch rollers and safety cut-out switch.
- ☆ Self cleaning adjustable tail end roller.
- ☆ Belt end rollers and all belt support rollers are easily accessible for cleaning and are easily removable.

ADVANTAGES

- ☆ Fast manure removal rate of approximately 20 to 40 tonnes/hour of fresh manure.
- ☆ Quiet operation.
- ☆ Reduced maintenance and cleaning due to absence of chains, sprockets, vee belts, weather covers and guards.
- ☆ Motorised pulley can be easily removed.



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