

PAJ Grain Thrower P4/80 T

Directional Grain Thrower for mounting under mobile/stationary outlets.

Operating Manual



Motor	1,5 kW 450/560 rpm
Ball bearings	Flange bearing UCFL 205
Capacity	80 t/h
Throwing length	3 - 5 m (5 - 7 m)
Inlet	Ø 200/250 mm (optional)

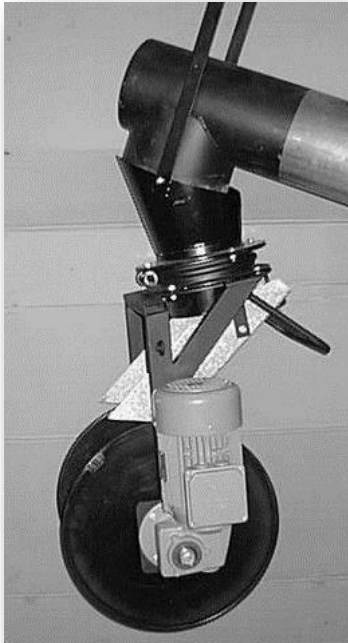
Weight	59 kgs
Dimensions b x h	600 x 850 mm
Surface	Japanned
Add. equipment	aut. electric swing: 0,12 kW motor/ control box mount. kit: wire draw for mob. auger



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P 4 directional grain thrower is designed for conveying grain and granulated materials (non explosive)



Operation

The operation is based on a cellular wheel receiving the materials from the slide. Under frame with Belonging slide is suspended in a turnable enabling directional conveyance.

With 412 rotations/min. the materials are directionally thrown after having passed the cellular wheel.

Delivery takes place with (dry barley)

app. 10% on 2 m
app. 20% on 3 m
app. 40% on 4 m
app. 30% on 5 m

Throwing length can be increased/changed by reducing feed of grain or by adjusting the slide.

Application width: 1.60 m each side measured on a distance of 6 m from P 4

Change of Direction

By removing shearing bolt in perforated bar, and removing base construction of the machine in turntable. Then shearing bolt is repositioned.

Throwing Length

To be adjusted on slide above cellular wheel. Hand wheel is placed under this. If grain beam hits far ahead on the cellular wheel, the throwing length will be short. The longest throwing length is achieved by adjusting the grain beam somewhat behind the centre drum.

Throwing Length (remote-controlled model)

Tip operation/throwing length is changed by pulling the handle on the sleeve.

Change of Direction

Wire winch is turned either for- or backwards: right/left turn
The grain thrower P 4 is equipped with towing eyes for wire.
Note ! At mounting the wire must be tight.

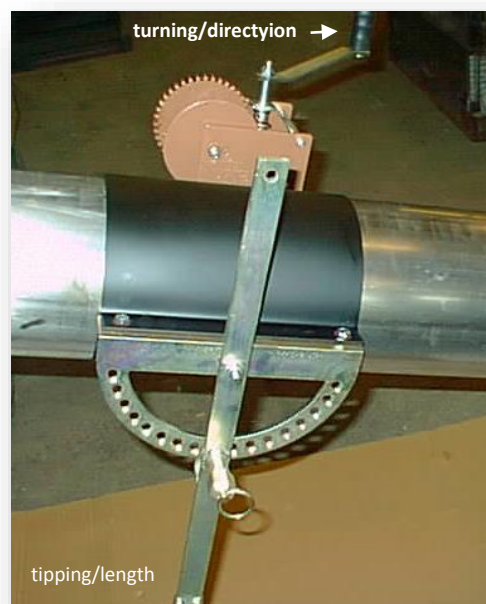
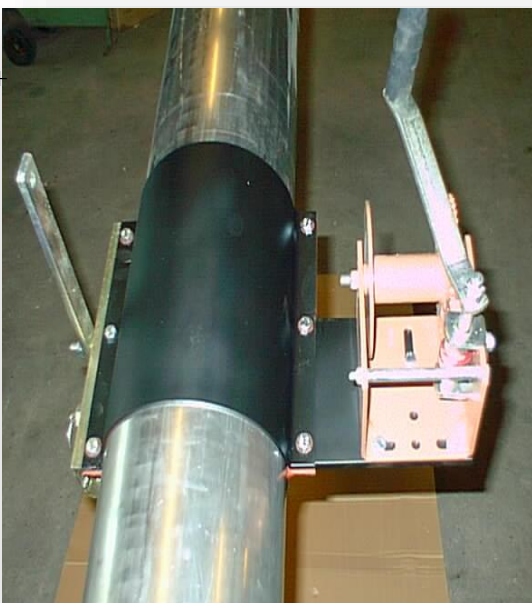
Throwing length and Adjustment

Throwing length with grain (barley) is 3-5 m (5-7 m) depending on the position of the machine compared to landing point. Here the adjustable slide of the grain thrower is important. If the grain hits far ahead on the drum, the throwing length is reduced.

* It is very important that the grain hits evenly distributed in the drum !

Installation

Note ! Because of the weight of the grain thrower it is necessary to further secure it with e.g. 10 mm wire led through the relevant eyes.



When mounting in connection with auger/lift, these should be strengthened since otherwise they might be damaged.

Handling at the inlet of the machine and near the throwing drum is only allowed during standstill. Electric cables are mounded in such a way that they cannot be damaged by grain and machine.

*** All electricity must be disconnected when adjusting and repairing !**

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