

TURBODRUM



A new high-capacity retrofit feed drum for draper headers!

Turbodrum is a heavy duty, high-capacity, retrofit feed drum for draper headers to replace the existing, standard feeder drum on draper heads. It comes complete with all internal components fully welded and assembled, ready to go. Just pull out your existing feed drum, then slip-in and install a Turbodrum - it's that easy.



If you already know the frustration of slow harvest speeds in bulky crops like canola, and even worse, the blockages and breakdowns caused by the standard feed drum and as a result, the loss of crop value, are well understood.

Turbodrum is an instant fix to these problems that allows you to go faster and get the crop off in less time at less cost. It feeds better and it's reliable.

Fitting the Turbodrum is quicker than fixing your original. Increase performance and efficiency and reduce loss of crop value.

Models available for JD, CNH, Honeybee & MacDon

1-888-937-7278 • turbodrum.ag

How does the Turbodrum work?

There is no one feature of Turbodrum that makes it work so well. The huge capacity and reliability farmers are getting out of the Turbodrum is a combination of a lot of hard-learned farmer experiences and innovation in design. The key difference of the Turbodrum to the original feeder drum can be summed up simply as: it feeds better and it's reliable.

The Turbodrum is a classic Australian made Phillbourne Manufacturing item: bullet-proof engineering for performance and efficiency.



TURBODRUM

- **Feeds better**
- **Reliable**

Development of the Turbodrum

Turbodrum is a collaborative effort by farmers and Phillbourne Manufacturing's Laurie Phillips. Built in Merredin, Western Australia, the first Turbodrum rolled onto farms in October 2016.

A number of other Turbodrums were also fully field tested and proven across a variety of crop types and conditions in the 2016 harvest.



Turbodrum - a harvest innovation that provides savings, with a high return on investment gained through an increase in harvest efficiency and higher output.

JD



Part Number	Application
TDR300X1284	JD 936D, 625D, 630D, 635D, 640D. Will also fit the 600 series Flex draper headers: 630FD, 635FD, 640FD, 645FD

CNH



Part Number	Application
TDR350X1984	Case 3152, 3162; NH 840CD, 880CF

Honeybee



Part Number	Application
TDR300X1820	Honeybee 94C

MacDon



Part Number	Application
TDR300X1675MAC	MacDon D60, FD70, FD75, FD1; Case 2142, 2152, 2162

Kit Components for MacDon D60, FD70, FD75; Case 2142, 2152, 2162

TDR103	Crank Adaptor for MacDon D60, FD70/CA20*
TDR104	Crank Adaptor for MacDon FD75/CA25
TDR105	Sprocket-Hub for MacDon FD75/CA25

* Also required for Case 2142, 2152, 2162

Kit Components for MacDon FD1

TDR106	Aftermarket sprocket
TDRWWP003	Timing plate
TDRWWP004	Mounting arm
TDRWWP005	Steel cover disc
TDRWWP006	Plastic cover disc
MIS35X60RFN7004	Crankshaft locking collar

Replacement Parts

Part Number	Description	Application
TDR1010	Shaft Lock Device	MD FD70, FD75; Honeybee 94C; JD 625D, 630D, 635D, 640D; Case 3152, 3162; NH 840CD, 880CF
TDR40000119195	Retractive Finger 195 mm	MD FD70, FD75; Honeybee 94C; JD 625D, 630D, 635D, 640D
TDR40000119240	Retractive Finger 240 mm	Case 3152, 3162; NH 840CD, 880CF
TDR40000120	Crank Clamp	MD FD70, FD75; Honeybee 94C; JD 625D, 630D, 635D, 640D; Case 3152, 3162; NH 840CD, 880CF
TDR1043	Finger Guide	MD FD70, FD75; Honeybee 94C; JD 625D, 630D, 635D, 640D; Case 3152, 3162; NH 840CD, 880CF

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Some key features are:

- More than double the number of retractable fingers with a far more aggressive pattern. It literally grabs the crop and pulls it through in a constant and steady flow so the load to the rotor/drum can be optimal. This in turn provides for a more steady and improved ground speed with more crop harvested each day and less loss of time over the harvest period.
- A smaller barrel with taller flighting creates a huge gap for pulling through bulky crops: ideal to help eliminate blockages and plugging.
- Less flighting and more fingers, so the full width of the drum is used.
- Turbodrum's unique patented paddle flights prevent repeating by eliminating the usual "dead zone" under the drum.
- A large diameter, fully welded crankshaft: extra strength where you need it.
- Infinitely adjustable finger timing to suit any condition for crop flexibility
- Eliminates the problematic and unnecessary reverse clutch by not blocking.
- Field-fitted, clamp-on retractable finger holders.
- Extends the life of the rest of your expensive machine by reducing shock loading and plugging.
- Easy installation with clear instructions provided.

These features all contribute to the primary goal of harvesting; to achieve optimal efficiency and productivity: getting the crop off as fast and efficiently as possible with high uptime and throughput.

Here's what real farmers are saying...



"It loves the big canola. Not even a stutter at the feeder."

"Pretty exciting how much it is pumping through. Like it should be from the start. Massive Stuff."

"Actually driving machine to engine capacity now for the first time in canola."

"In heavy barley it just loads the header up good, no fluffing and no noise."

"All good, works like a dream, cheers!"

"Before we were driving on the edge of the seat with the feeder slip clutch constantly going off in big lupins. We're actually loading the engine up now, and the slip clutch hasn't gone off once!"

"In she went and away it went. Awesome so far. In some 7 ft canola, smashing it in!"

For more information, please contact:

Keegan Ludwar at 1-306-450-2076 or email kludwar@westwardparts.com

Wayne Hunt at 1-780-231-0396 or email whunt@westwardparts.com

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