

# R1290

12 foot Self-Trailering Grain Bagger



## ***Four wheel chassis is a groundbreaker for 12' grain baggers***

*The stability provided by four distinct points of contact with the ground endows the R1290 bagger with operational advantages and safety attributes that are particularly important in larger size equipment*

**12'** bags  
Up to 500' long

**27.5"**  
Auger diameter

**980** bushels/minute  
Work rate

**41,300** bushels of corn  
In a 12' x 500' bag

# **RICHIGER**

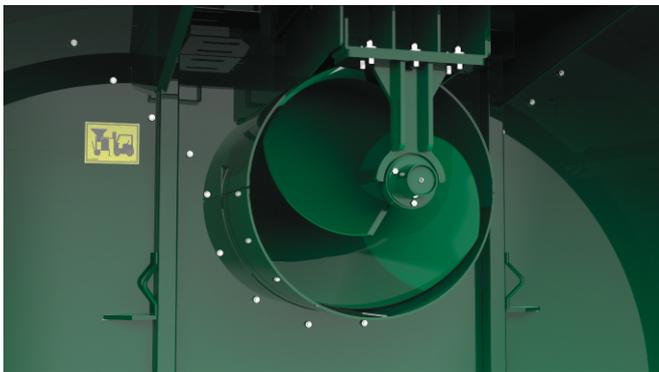
**WE MEET YOUR PRODUCTION NEEDS**

*Rubber flaps affixed to the tunnel seal the edges to prevent grain backflow.*

*Heavy duty hydraulic crane has a long reaching boom for ease in handling the bag and accessories.*



*Hard-coated 27.5" dia. double-flight auger moves 60,000 bushels per hour at 270 rpm.*



*Disc brakes on all four wheels – with two calipers per disc – provide ample braking power in all terrain conditions.*



*Individual hydraulic pumps and pressure gauges for each wheel allow precise brake regulation.*



*Large 18.5' x 8.5' hopper with 160 cu ft capacity is fitted with viewing windows & tarp cover.*

*Its long span places it within easy reach of the grain cart's auger.*



# R1290



Transport



Work

Wheels turn by 90 degrees to latch into transport and work modes, with greater or lesser clearance to the ground respectively.

Hydraulic jacks mounted on the front and back raise the grain bagger, one end at a time, for quick wheel repositioning.



The R1290 simplified bag mounting system does away with the hassle of heaving and pushing a heavy 12' bag onto an inclined cradle fixed to the machine's underbelly

1



Pins that hold fast the lower tray under the tunnel are removed to detach it from the frame, resulting in it being suspended from the upper cradle by means of straps, the entire assembly held aloft by the hydraulic crane.

2



The crane lowers the components so that tray and cradle plus a new folded bag lie aligned on the ground, clear from the bagger. The straps are removed and the upper section of the bag is mounted by hand on the cradle, one section of bag at a time.

3



The cradle is raised halfway up, at which point the lower section of bag is progressively mounted on the tray still lying on the ground. Pivoting bars on the latter then turn inward to hold the bag by its inner folds, so that the tray hangs from the bag as the crane hoists up the whole array. The crane then swings in so that bag, cradle and tray enfold the tunnel, whereupon the tray is reattached to the frame and work can proceed.

## Some advantages of the R1290 bagger over other 12' machines

Overall braking effectiveness is augmented by the combined action of four wheels in comparison with two. Braking action is smoother, preventing any tendency of the brakes to seize up.

Braking power applied to four wheels provides more stopping power when bagging on sloping or slippery ground.

The self-trailing capability of the R1290 bagger entails a straightforward switch between work and towing modes – with no extra elements needed for either configuration – and rules out the strict necessity of a trailer or flatbed for transport. The bagger is fitted with bumpers and street legal lights.

The pull type tongue does not place weight on a drawbar or tow hitch, allowing a wider range of tractors and towing vehicles to be employed, as well as simplifying the coupling maneuvers required.

12' bags 500 ft long weigh around 700 lbs, making them hard to install and to do so without disrupting the folds in the process. The simplified bag mounting method devised for the R1290 allows operators to fit bags without undue effort.

There are safety concerns when jacks are used to support heavy machines that are not in stable equilibrium on their own. Conventional 12' baggers belong in this machine group. At several stages when setting up and finishing labors with these machines, workers prop them up with removable screw jacks and jack stands. Jacks can fail or slip and cause a two wheel machine to fall suddenly, endangering operators and bystanders. In contrast, four wheels on the ground confer static and dynamic stability in all operational phases.

### Main features

A reduction gear box converts the PTO's 1,000 rpm to the compression auger's 270 rpm.

Minimum power required: 150 HP.

Three spool double-acting control valves handle hydraulic jacks and crane cylinder.

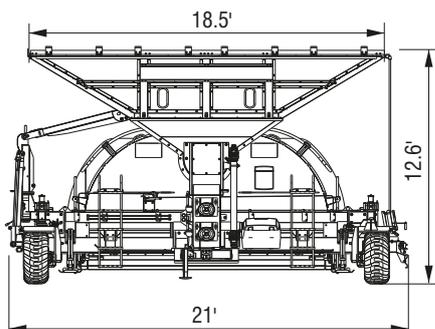
Hydraulics requirement: 6.6 GPM / 2,000 psi.

Tires: 400/60-15.5 14 ply.

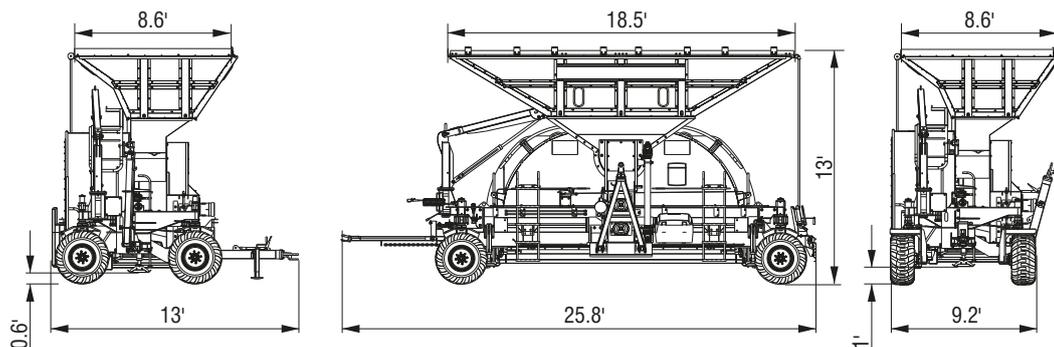
Total weight: 10,600 lbs.

### Dimensions

Work position



Transport position



Adding value to your crops