

AirForce air bag PSI to lbs control ratios

Planter Make	Down Bag Ratio (lbs/PSI)	PSI at 400 lbs	PSI at 200 lbs	Max Applied Down - lbs
John Deere (single down bag)	3.3	121		379.5
John Deere (Dual Down bags)	4.4	90.9		400
Kinze	4.9	81.6		400
White	5.4	74		400
Case IH	2.5	160		287.5
Custom	3.3	121		379.5
Lift force (all makes/models)	1.6		125	Lift force - 192

AirForce Max Target PSI	PSI
Max Target PSI for Single Down bag	115
Max Target PSI for Dual Down bags	80
Max Target PSI for Lift Bags	120
Min Target PSI for Down or Lift bags	10

2020 will limit the system either by the Max Target PSI for the system or by the Max Applied force - whichever is lower. The max applied force is set to 400 by default

The Ratio between the PSI in the bag and the pounds applied is determined by the installation locations of the bag on each particular row unit make. Customizing the mounting locations does not change how the 2020 will control the airbag. The 2020 is limited to the current ratios based on planter make.