

SPECIFICATIONS				
Design and Specifications Subject to Change Without Notice				
CATEGORY	MODEL 490	MODEL 790	MODEL 795	MODEL 1190
Capacity	250 Bu.	400 Bu.	400 Bu.	550 Bbu.
Struck level ASAE-S324.1	147 cu.ft.	249 cu.ft.	249 cu.ft.	435 cu.ft.
Heaped ASAE-S324.1	206 cu.ft.	340 cu.ft.	340 cu.ft.	508 cu.ft.
Heaped (upper beater) ASAE-S324.1	249 cu.ft.	418 cu.ft.	418 cu.ft.	604 cu.ft.
Load Carrying capacity	6.5 Tons	11.5 Tons	11.5 Tons	16.6 Tons
Inside width of box	61.75 In.	71 in.	71 in.	71 in.
Depth of Box	28 in.	32 in.	32 in.	56.75 in.
Overall width with truck tires / tire size	97.5 in. / 10.00-20	116.5 in. / 10.00-20		121.5 in. / 425/65R22.5
Overall width with flotation tires / tire size	105 in. / 16.5L-16.1	121.5 in / 16.5L-16.1	132 in. 550/60-22.5	132.0 in / 550/60-22.5
Overall height				
Top of moving panel	53 in.	61.7 in.	70 in.	86.75 in.
Top of upper beater	60.5 in.	70 in.	84 in	93.25 in.
Overall length	18 ft. 7 in. - 18 ft. 10 in.	24 ft. 8 in. - 24 ft. 11 in.	24 ft. 11 in.	24 ft. 8 in. - 24 ft. 11 in.
Bed length			16 ft. 1 in.	
Face of moving panel to beater center line	12 ft. 6 in.	16 ft. 1 in.	16 ft. 1 in.	16 ft. 1 in.
Number of Beaters	1/(2)	1/(2)	2	2/(3)
Beater speed	394 rpm	337 rpm	337 rpm	337 rpm
Upper beater(s) speed	284 rpm	294 rpm	294 rpm	294 rpm
Fan diameter	27 in. /(13.25 in.)	32 in. /(16 in.)	24 in.	32 in. / 24 in. (13.25 in.)
Number of paddles on beater	12	16	16	16
Tractor PTO horsepower min. rec.	60hp	100hp	100hp	150hp
Number of unloading speeds	Infinite from 0 to 16 ft./min	Infinite from 0 to 16 ft./min	Infinite from 0 to 16 ft./min	Infinite from 0 to 16 ft./min
PTO speed	540	1,000 / (540)	1,000	1,000
PTO shaft diameter	1-3/8 in.	1 3/8 in.	1 3/8 in.	1-3/8 in.std. /(1-3/4 in.)
Number of endgate cylinders	One	Two	Two	Two