

Challenger SMALL RECTANGULAR BALERS

# Challenger<sup>®</sup> SMALL RECTANGULAR BALERS



We're up to  
**The Challenge**

SMALL  
RECTANGULAR BALERS  
SB SERIES SPECIFICATIONS

# SPECIFICATIONS

*Challenger*

# SMALL RECTANGULAR BALERS

MODEL		SB34	SB36	SB44
<b>DIMENSIONS AND WEIGHTS</b>	Design	In-line	In-line	In-line
	Overall width	101 in. (2565 mm)	101 in. (2565 mm)	104 in. (2652 mm)
	Length w/o Bale chute	168 in. (4267 mm)	168 in. (4267 mm)	202 in. (5131 mm)
	Length w/ Bale chute	204 in. (5182 mm)	204 in. (5182 mm)	244 in. (6198 mm)
	Length w/ Bale thrower	240 in. (6096 mm)	240 in. (6096 mm)	N. A.
	Weight	3050 lbs. (1383 kg)	3300 lbs. (1497 kg)	4375 lbs. (1986 kg)
	w/ Hydraulic Density		3315 lbs. (1504 kg)	
<b>BALE CHAMBER</b>	Size of Chamber	14 in x 18 in (356 mm x 457 mm)	14 in x 18 in (356 mm x 457 mm)	16 in x 18 in (406 mm x 457 mm)
	Bale length	12 in to 52 in (305 mm to 1321 mm)	12 in to 52 in (305 mm to 1321 mm)	12 in to 52 in (305 mm to 1321 mm)
	Density control	Spring loaded density control rails Optional hydraulic density control rails	Spring loaded density control rails Optional hydraulic density control rails	Hydraulic density control rails
<b>TYING MECHANISM</b>	Conventional twine tie			
	Drive	No. 50 chain	No. 50 chain	No. 50 chain
	Twine type	Plastic or sisal	Plastic or sisal	Plastic or sisal
	Twine container capacity	4 balls	6 balls	6 balls
	Protection	Shearbolt	Shearbolt	Shearbolt
<b>MAIN DRIVE</b>	Power drive gearbox	Hypoid w/tapered roller bearings Flywheel/w shearbolt protection	Hypoid w/tapered roller bearings Flywheel/w shearbolt protection	Hypoid w/tapered roller bearings Flywheel/w shearbolt protection
<b>PTO</b>		540 rpm	540 rpm	540 rpm
	Protection	Slip clutch	Slip clutch	Overrunning and slip clutch
	U-joint	Direct constant velocity	Direct constant velocity	Four equal angle
<b>PICKUP</b>	Width-panel to panel	75.9 in. (1928 mm)	75.9 in. (1928 mm)	77.5 in. (1969 mm)
	- tine to tine	70.2 in. (1782 mm)	70.2 in. (1782 mm)	70.2 in. (1782 mm)
<b>TRACTOR REQUIREMENTS</b>	Minimum Tractor Weight	4000 lbs. (1814 kg)	4000 lbs. (1814 kg)	4000 lbs. (1814 kg)
	Horsepower	35 hp (26 kW)	35 hp (26 kW)	50 hp (37 kW)
	PTO speed	540 rpm	540 rpm	540 rpm
	Hydraulics	No remote valves required for standard baler	No remote valves required for standard baler	One double-acting remote valve (for hydraulic pickup lift)
<b>OPTIONAL EQUIPMENT</b>	Bale chute	Field installed	Field installed	Field installed
	Bale chute extension	Field installed	Field installed	Field installed
	Bale chute quarter turn	Field installed	Field installed	Field installed
	Wagon hitch kit	Field installed	Field installed	N/A
	Hydraulic bale tension kit	Field installed	Factory or field installed	Factory installed
	Hydraulic pickup lift kit	Field installed	Field installed	N/A
	Light kit	Field installed	Field installed	Field installed
	Bale thrower w/elec. control	Field installed	Field installed	N/A
	Knotter lubrication system	N/A	N/A	Field installed