

SB SERIES SMALL SQUARE BALERS Specifications



Models SB521, SB531, SB541 & SB551

MODEL	SB521	SB531	SB541	SB541c	SB551
BALE SIZE:					
Cross Section	14 x 18 in. (356 x 457 mm)	14 x 18 in. (356 x 457 mm)	14 x 18 in. (356 x 457 mm)	14 x 18 in. (356 x 457 mm)	16 x 18 in. (406 x 457 mm)
Length	12 to 52 in. (305 to 1321 mm)	12 to 52 in. (305 to 1321 mm)	12 to 52 in. (305 to 1321 mm)	12 to 52 in. (305 to 1321 mm)	12 to 52 in. (305 to 1321 mm)
Density control – std.	Adj. spring loaded tension rails	Adj. spring loaded tension rails	Adj. spring loaded tension rails	Hydraformatic - adj. hydraulic density	Hydraulic density adj.
– opt.	NA	Hydraulic density adj.	Hydraulic density adj.	NA	NA
PICKUP:					
Width inside	65 in. (1651 mm)	65 in. (1651 mm)	75 in. (1905 mm)	75 in. (1905 mm)	75 in. (1905 mm)
Width on flare	70 in. (1778 mm)	70 in. (1778 mm)	80 in. (2032 mm)	80 in. (2032 mm)	80 in. (2032 mm)
Number of teeth	88, four tooth bars	110, five tooth bars	156, six tooth bars	156, six tooth bars	156, six tooth bars
Protection	V-belt to chain, with “lost-motion” reel drive	V-belt to chain, with “lost-motion” reel drive	V-belt to chain, with “lost-motion” reel drive	V-belt to chain, with “lost-motion” reel drive	V-belt to chain, with “lost-motion” reel drive
FEEDER:					
Type	Flow type feeder - 6 Tines	Rotary feeder w/packer	Rotary feeder w/packer	Rotary feeder w/packer	Rotary feeder w/packer
Opening	283 sq. in. (0.182 m ²)	283 sq. in. (0.182 m ²)	283 sq. in. (0.182 m ²)	283 sq. in. (0.182 m ²)	318 sq. in. (0.205 m ²)
PLUNGER:					
Speed	79 spm	93 spm	93 spm	93 spm	93 spm
Stroke length	30 in. (762 mm)	30 in. (762 mm)	30 in. (762 mm)	30 in. (762 mm)	30 in. (762 mm)
TYING MECHANISM:					
Type	Twine knotter	Twine knotter	Knotter or twister	Knotter	Knotter
Drive mechanism	Gear and shaft	Gear and shaft	Gear and shaft	Gear and shaft	Gear and shaft
Protection	Shear bolt	Shear bolt	Shear bolt	Shear bolt	Shear bolt
Capacity – twine	4 balls	6 balls	8 balls	8 balls (heavy duty)	8 balls
– wire	NA	NA	4 coils	NA	NA
MAIN DRIVE:					
Flywheel diameter	22 in. (559 mm)	22 in. (559 mm)	22 in. (559 mm)	22 in. (559 mm)	22 in. (559 mm)
Flywheel weight	187 lbs. (85 kg)	250 lbs. (113 kg)	250 lbs. (113 kg)	250 lbs. (113 kg)	250 lbs. (113 kg)
PTO Driveline	Std: 3 joint, category 4, w/Power-Pivot bearing	Std: 3 joint, category 6, w/Power-Pivot bearing	Std: 3 joint, category 6, w/Power-Pivot bearing	Std: 3 joint, category 6, w/Power-Pivot bearing	Std: 3 joint, category 6, w/Power-Pivot bearing
Protection	Shear bolt, overrunning and slip clutches	Shear bolt, overrunning and slip clutches	Shear bolt, overrunning and slip clutches	Shear bolt, overrunning and slip clutches	Shear bolt, overrunning and slip clutches
Gearbox	Heat treated, steel alloy hypoid gears run in oil	Heat treated, steel alloy hypoid gears run in oil	Heat treated, steel alloy hypoid gears run in oil	Heat treated, steel alloy hypoid gears run in oil	Heat treated, steel alloy hypoid gears run in oil
TIRES, STD: LEFT/RIGHT	27 x 9.50 -15, 6PR / 25 x 7.50 -15, 6PR	31 x 13.50 - 15, 6PR / 27 x 9.50 - 15, 6PR	31 x 13.50 - 15, 6PR / 27 x 9.50 - 15, 6PR	14L x 16.1 , 6PR / 11 x 14, 6PR	14L x 16.1 , 6PR / 11 x 14, 6PR
WEIGHT:					
Twine tie	3,085 lbs. (1399 kg)	3,400 lbs. (1542 kg)	3,715 lbs. (1685 kg)	3,940 lbs. (1787 kg)	4,200 lbs. (1905 kg)
Wire tie	NA	NA	3,851 lbs. (1747 kg)	NA	NA
TRACTOR REQUIREMENT:					
Minimum PTO hp	35 hp (26 kw)	62 hp (46.2 kW)	75 hp (55.9 kW)	75 hp (55.9 kW)	80 hp (59.6 kW)

NOTE: All specifications are stated in accordance with SAE Standards or Recommended Practices, where applicable.

CNH America LLC reserves the right to make improvements in design and changes in specifications at any time without notice and without incurring any obligation to install them on units previously sold. Specifications, descriptions and illustrative material herein are as accurate as known at time of publication, but are subject to change without notice.



SAFETY NEVER HURTS!™ Always read the Operator's Manual before operating any equipment. Inspect equipment before using it, and be sure it is operating properly. Follow the product safety signs, and use any safety features provided.