



# Conquest Auto-Tie Hinge-Side™ Baler Series



## Consider the facts.

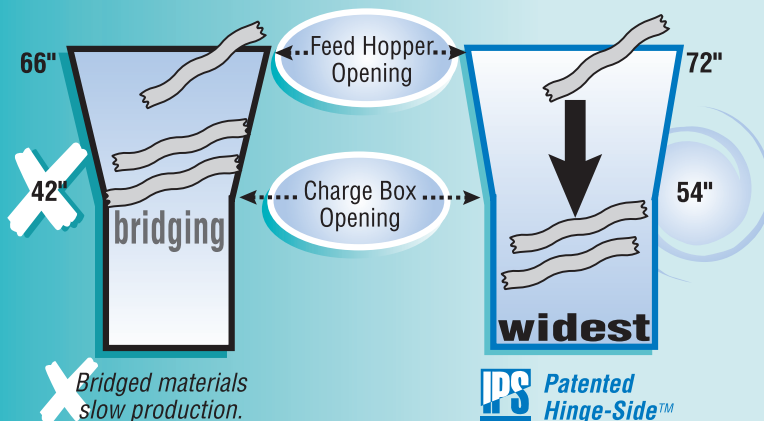
### *The exclusive design is patented.*

The IPS patented Conquest Auto-Tie Hinge-Side™ baler provides the widest charge box opening available and has an unparalleled production rate. Pre-conditioning is not necessary for most paper grades while producing excellent bale density.

The IPS wide charge box opening virtually eliminates bridging of bulky recyclables. The action of the hinged sidewall compresses the material in two directions producing final bale densities which are much greater than machines with comparable main cylinder sizes.

The unique hinged sidewall eliminates approximately 75% of the shearing required by other balers. The reduction of hydraulic shock increases the life of the hydraulic system and lowers electrical cost.

- Virtually eliminates bridging of bulky material such as OCC.
- Maximizes thru-put.
- Creates high density bales for maximum loads on trucks, rail cars and export containers.



 **Built in America**  
by people who care.



**IPS Balers Mfg, Inc.**

(912) 366-9460 • (800) 280-2313

# CONQUEST AUTO-TIE HINGE-SIDE™ BALER SPECIFICATIONS

Model	Conquest AT-765 HS-30/50	Conquest AT-865 HS-50/75	Conquest AT-965 HS-100S	Conquest AT-1080 HS-100S
<b>HYDRAULIC</b>				
Main Cylinder	7" Bore 178 mm	8" Bore 203 mm	9" Bore 229 mm	10" Bore 254 mm
System Pressure	3000 PSI 207 Bar	3000 PSI 207 Bar	3000 PSI 207 Bar	3000 PSI 207 Bar
Total Force Metric Ton	115,400 LB 52 t	150,800 LB 69 t	190,800 LB 87 t	235,500 LB 107 t
Ram Face Pressure	93 PSI 6.4 Bar	120 PSI 8.3 Bar	162 PSI 11.2 Bar	187 PSI 12.9 Bar
Hinge Side Cylinder	4" Bore 127 mm	5" Bore 127 mm	7" Bore 178 mm	7" Bore 178 mm
<b>ELECTRICAL</b>				
Main Motor	30/50 HP 22.5/37 kW	50/75 HP 37/56 kW	100 HP 75 kW	100 HP 75 kW
Cooler Fan Motor	1 HP .7 kW	1 HP .7 kW	3 HP 2.2 kW	3 HP 2.2 kW
<b>STRUCTURAL</b>				
Length Overall	32 ft 4 in 9.8 meter	32 ft 4 in 9.8 meter	32 ft 4 in 9.8 meter	34 ft 10 in 10.6 meter
Width Overall	13 ft 4 in 4 meter	13 ft 4 in 4 meter	13 ft 4 in 4 meter	13 ft 4 in 4 meter
Charge Hopper Height	123 in 3.1 meter	123 in 3.1 meter	123 in 3.1 meter	123 in 3.1 meter
Hopper Opening	66 in W x 60 in L 1676 mm W x 1524 mm L	66 in W x 60 in L 1676 mm W x 1524 mm L	66 in W x 60 in L 1676 mm W x 1524 mm L	66 in W x 72 in L 1676 mm W x 1828 mm L
Charge Box Opening	54 in W x 60 in L 1372 mm W x 1524 mm L	54 in W x 60 in L 1372 mm W x 1524 mm L	54 in W x 60 in L 1372 mm W x 1524 mm L	54 in W x 72 in L 1372 mm W x 1828 mm L
<b>PERFORMANCE</b>				
Bale Size Expanded	30 in (762 mm) Wide x 45 in (1143 mm) High x 60 in (1524 mm) Long			
Bale Weight OCC	Up to 1300 LB 590 KG	Up to 1375 LB 612 KG	Up to 1450 LB 658 KG	Up to 1500 LB 680 KG
Bale Weight NEWS	Up to 1400 LB 630 KG	Up to 1400 LB 630 KG	Up to 1450 LB 660 KG	Up to 1600 LB 720 KG
Bale Weight UBC	Up to 600 LB 270 KG	Up to 600 LB 270 KG	Up to 700 LB 320 KG	Up to 900 LB 410 KG
Bale Weight PET	Up to 900 LB 408 KG	Up to 900 LB 408 KG	Up to 950 LB 430 KG	Up to 1000 LB 453 KG
Bale Weight Misc. ALUMINUM	N/A	N/A	N/A	Up to 1900 LB 864 KG

### Standard Features:

- Bales High-Grade Paper Without Fluffing
- Large Charge Box Opening
- Export Bale Size and Density
- Pre-Compression Virtually Eliminates Shearing
- Allen-Bradley Logic Controller

### Available Options:

- Oil Cooler
- Conveyor Controls
- Feed Hopper Extensions
- Oil Heater
- Baling Wire

As part of our continuing product improvement and quality assurance programs, specifications are subject to change without notice and without incurring responsibility for units previously sold.

Weights will vary based on material infeed density.



**IPS Balers Mfg, Inc.**

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