



Virtually Eliminates

- Preconditioning
- Need for Fluffer
- Bridging

Bales up to
45
tph OCC

IPS Conquest™ HAS NO EQUAL.

Unmatched Productivity.

Conquest™ *patent pending* High Performance Balers dramatically increase production while virtually eliminating bridging problems. The innovative design makes preconditioning prehistoric. No fluffer is required to bale high grades. Get up to speed with the most efficient machine on the market.

Achieve the Highest Thru-Put.

NO other baler can match the productivity of the IPS *patented pending* Conquest™ Hinge-Side and we're ready to prove it! Call 1-800-280-2313 for a FREE cost per ton analysis.

- Bale up to 45 tph of OCC
- Bale up to 60-90 tph of ONP and High Grades
- Export up to 54-58,000 lbs. OCC on Export Containers

Expect Maximum Export Weight.

Consistent bale integrity assures maximum export weight. The Conquest delivers.



IPS Balers Mfg, Inc.

396 Frost Industrial Blvd. • Baxley, GA 31513

(912) 366-9460 • (800) 280-2313



Built in America by people who care.

CONQUEST AUTO-TIE SPECIFICATIONS

Model	Conquest 180 100S	Conquest 180 200
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HYDRAULIC		
Total Force	361,700 LB (164 metric tons)	361,700 LB (164 metric tons)
Side Cylinders	One Cylinder for each side	One Cylinder for each side
Tension Cylinder	Single Cylinder Tension Design	Single Cylinder Tension Design
Ram Face Pressure	200 PSI (14 KG/CM)	200 PSI (14 KG/CM)
Oil Reservoir	650 gal Capacity (2460 liter)	800 gal Capacity (3027 liter)
Filtration	7 micron Replacement Element Filter	7 micron Replacement Element Filter
Auto-Tier	(5) five Wire Hydraulic Tier-max 10 GA black annealed wire	(5) five Wire Hydraulic Tier-max 10 GA black annealed wire

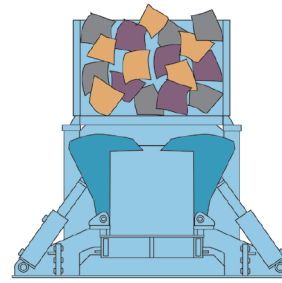
ELECTRICAL		
Main Motor	100 HP, 460 V, 3 Phase TEFC, Wye-Delta Starting	(2) 100 HP, 460 V, 3 Phase TEFC, Wye-Delta Starting
Cooler Fan	3 HP, 460 V	7.5 HP, 460 V
Cooler Pump	5 HP, 460 V	5 HP, 460 V
Controls	Programmable Controller with Phone Modem	Programmable Controller with Phone Modem
Photocell	Infrared type	Infrared type

STRUCTURAL		
Hopper Opening	72 in W x 72 in L (1.8 m x 1.8 m)	72 in W x 72 in L (1.8 m x 1.8 m)
Charge Box Opening	72 in W x 72 in L (1.8 m x 1.8 m)	72 in W x 72 in L (1.8 m x 1.8 m)
Length Overall	36 ft (11 m) - frame only	36 ft (11 m) - frame only
Width Overall	17 ft (5.2 m) - at the Tier Station	17 ft (5.2 m) - at the Tier Station
Height Overall	123 in (3.1 m) - H Charge Hopper	123 in (3.1 m) -H Charge Hopper
Shear Blade	High Abrasion-Resistant Alloy Steel	High Abrasion-Resistant Alloy Steel
Shipping Weight	52 t (approx.)	60 t (approx.)

PERFORMANCE		
Bale Size Expanded	43 in W x 43 in H x variable L 1 m W x 1 m H x variable L	43 in W x 43 in H x variable L 1 m W x 1 m H x variable L
Bale Volume at 66 in L at 1.7 m L	70 cubic ft expanded (approx.) 2 cubic m expanded (approx.)	70 cubic ft expanded (approx.) 2 cubic m expanded (approx.)
Cycle Time	25 seconds (no load)	15 seconds (no load)
Capacity	21,600 cubic ft per hour 612 cubic m per hour	36,000 cubic ft per hour 1,019 cubic m per hour

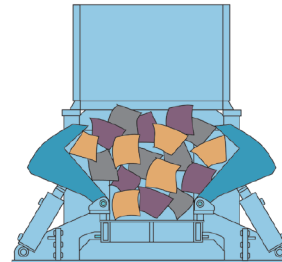
Conquest 180-100S MATERIAL	Material Infeed Density LB per Cubic ft (KG)	Bale Weight LB (KG)	Density LB per Cubic ft (KG)	Pounds per Stroke	Tons per Hour
HI GRADE	8-10 LB (3.6-4.5 KG)	2600-3200 LB (1179-1452 KG)	35-40 LB (16-18 KG)	1200-1500	42-60
NEWS	6-8 LB (2.7-3.6 KG)	2500-3000 LB (1134-1361 KG)	33-38 (15-17 KG)	900-1200	36-48
OCC	2-4 LB (.9-1.8 KG)	2200-2600 LB (998-1179 KG)	31-36 (14-16 KG)	300-600	18-28

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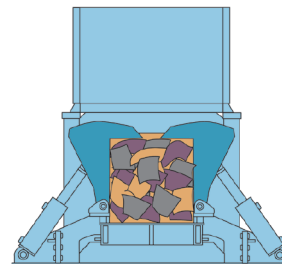


How it works:

With the lid closed, material is charged into the baler's 72" wide by 72" long hopper.



When sufficient material is received, an infrared sensor actuates the compression cycle. The Hinge Sides open allowing material to fall into the 72" wide charge box.



The Hinge Sides close. In the process, the vertical of the Hinge Sides compresses the material while the lid portion traps and compresses the material. When the Hinge Sides are closed, the main compression Ram compresses the material into the baling chamber. Any excess material above the compression Ram is cut and left for the next stroke.

The Conquest

- Virtually eliminates bridging
- Achieves maximum thru-put
- Bales high-grades without fluffing
- Eliminates need to pre-condition material
- Maximizes export capacity

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. ** Two 100 HP motors*

Standard Features:

- Large Charge Box Opening
- Export Bale Size and Density
- Programmable Controller with Phone Modem
- Oil Cooler and Oil Heater
- 6 ft. Bale Runout Table
- Wye-Delta Starting

Available Options:

- Conveyor Controls
- Feed Hopper Extensions
- Material Fluffers
- Baling Wire
- ASI System
- Smart Report
- Contact Factory for Other Options



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