





## Specifications

### Table

Type	quick-attach
Height control	automatic/ manual
Table flotation aid	hydropneumatic comp.
Auger speed	102, 122, 147, 176 rev/min
Knife speed	535 rev/min
Cutting width	13 (3,90), 14 (4,20), 16 (4,80), 17 (5,10), 19 (5,80) ft (m)

### Rigid table/Flexible table

Minimum cutting height	50/38 mm
Knife to auger distance (min - max)	392/492-558 mm
Reel tines type	spring steel/polyurathane

### Reel

Drive type / speed	hydrostatic/0-60 rev/min
Fore/aft adjustment	mechanical
Reel tine positioning type	manual

### Maize header

Model	Rows	700-762/800-850-900/900-1000 mm
4L70/4L80/4L90	4	700-762/800-850-900/900-1000 mm
5L70/5L80/5L90	5	700-762/800-850-900/900-1000 mm
6L70/6L80/6L90	6	700-762/800-900-1000 mm

### Threshing unit

Cylinder dia/width	560/1270 mm
Type/weight	high inertia/233 kg
Standard speed	365-100 rev/min
Optional cylinder	toothed cylinder/concave
Optional speeds	300-900, 433-1300 rev/min

### Concave

Number of bars	8/14
Wrap angle	106 degrees
Area (concave + extension)	0,67 + 0,33 m <sup>2</sup>
Standard wire dia/spacing	8/10 mm
Optional wire dia/spacing	3,6/13,5 mm

### Rear beater

Diameter	380 mm
Speed	960 rev/min

### Separating system

Straw walkers number/type	5/closed bottom
Straw walker area	4,89 m <sup>2</sup>
Total separation area	5,9 m <sup>2</sup>

### Cleaning system

Type of sieves	closed, fully adjustable
Total area of sieves	3,60 m <sup>2</sup>
Fan speed	974-2075 rev/min
Fan type/number of rotors	turbine/2

### Grain tank

Capacity - Unloading rate	5000 - 43 litre - litre/sec
Tank full indicator	buzzer/light

### Engine

Manufacturer/model	Perkins 1006.6
Number of cylinders/capacity	6 turbo/5.9 litre
SAEJ power (1995)	128,8 (175) kW (hp)
Rated engine speed	2400 rev/min
Fuel tank capacity	330 litre
Safety system gauges	water temperature/oil pressure

### Electrical system

Alternator	12/90 V/A
Battery	135 Ah

### Transmission

Type	mechanical syncromesh
Number of speeds	3/1 forward/reverse
Forward speed grain/rice	1,5-27,90/1,00-18,50 km/h
4 wheel drive	optional

### Tyre options

Grain versions	front/rear	23.1-30R1(10L)/10.0-16F2(8L)
	front/rear	23.1-30R1(10)/12.4-24R1(6)
	front/rear	28.1-26R1(8)/12.4-24R1(6)
Rice versions	front/rear	23.1-26R2(10L)/9.5-24R1(6L)
	rear option	12.4-24R1(6L)
	front/rear	Track 640/12.4-24R1(6L)
	front/rear	Track 640/12.4-24R1(6L)
	front/rear	Track 800/12.4-24R1(6L)
	front/rear	Track 800/12.4-24R1(6L)

### Brakes

Type/effective area	disc/78 cm <sup>2</sup>
Activation	hydraulic

### Operator environment

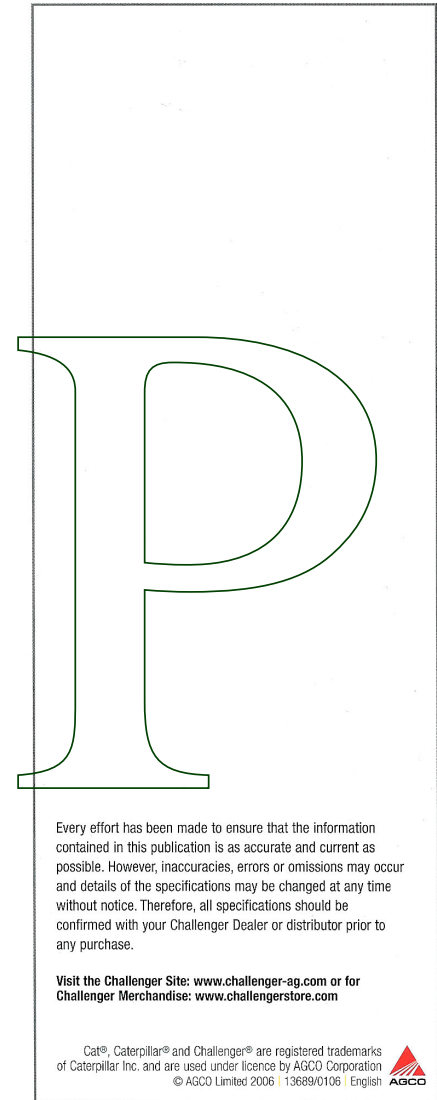
Air compressor	standard
Steering/steering wheel column	hydrostatic/adjustable
Canopy	standard
Air conditioning	optional

### Weights and dimensions

Length with platform	grain/rice	8,5/8,5 m
Height	grain/rice	3,47/4,0 m
Width inc.header & dual tyres	grain/rice	3,32/3,32 m
Front tread width	rice	4,55 m
Rear tread width	grain/rice	2,88/2,77 m
Optional tread width	grain/rice	1,58 m
Width with header	grain/rice	2,16/2,75 m

### Optional equipment

Fieldstar. Small seed harvest kit. Tracks. Capacity monitor. Toothed bars for rear beater. Grease pump. Polyethylene sliding plates for table. Cab with air conditioning. Concave with 3,6 mm wire and 10 mm spacing. Protecting plates for rigid header. Concave closing plates. Round hole sieves; 3, 5, 8, 10, 12, 16 mm. Fixed air intake for radiator. Straw chopper. Toothed cylinder and concave. Dual tyres. Crop lifters. Straw spreader. Edible bean harvest kit.



Every effort has been made to ensure that the information contained in this publication is as accurate and current as possible. However, inaccuracies, errors or omissions may occur and details of the specifications may be changed at any time without notice. Therefore, all specifications should be confirmed with your Challenger Dealer or distributor prior to any purchase.

Visit the Challenger Site: [www.challenger-ag.com](http://www.challenger-ag.com) or for Challenger Merchandise: [www.challengerstore.com](http://www.challengerstore.com)

Cat®, Caterpillar® and Challenger® are registered trademarks of Caterpillar Inc. and are used under licence by AGCO Corporation © AGCO Limited 2006 | 13689/0106 | English 

We're up to  
**The Challenge**