

# Columbia

Built by Jacto, Proven by Hustler



**HUSTLER<sup>®</sup>**

Rethinking the Everyday



# Columbia

The popular 2000 litre Columbia is loaded! With superior mechanical agitation and unique triple suspension boom design that is unbeatable in the field. The perfect trailed sprayer for farmers wanting to complete their own spraying program, with a small tractor. The Columbia has plenty of capacity to get the job done quick.



Columbia 2000/18 with 11.2 R28 wheel option



# The Columbia

**1**  
**YEAR**  
WARRANTY

## SIX KEY BENEFITS

- 1 AGITATOR** - Unique mechanical agitator. Can handle liquid fertilisers with ease, and takes less power to mix the solution more thoroughly and is perfect for applying dissolved Urea. The Columbia has the best of both worlds: mechanical and re-circulation agitation.
- 2 BOOM** - Our booms are second to none and are built to last! Built with a huge section design for massive strength. Unique cable folding design holds the boom tightly together and allows the boom to flex in the rugged terrain eliminating unnecessary stress on the structure. Breakaway section protects your boom from unnecessary damage when hitting a fence. Wing lift is standard. Boom is self levelling to follow contours.
- 3 SUSPENSION** - The Columbia has superior suspension. Uses a combination of coil springs, rubber cushions and hydraulic dampeners to provide an extremely supple ride. The triple suspension system includes yaw dampening, vertical suspension and individual wing dampened suspension which eliminates shock damage and provides the most consistent application.
- 4 TANK** - Unlike others these tanks are blow moulded. This far superior technique makes an incredibly strong, longer lasting and UV safe tank. Specifically designed to keep weight balanced between tractor and sprayer, for a lower centre of gravity. Deep sump for fully emptying even on steep terrain. Smooth internal shape to reduce residues when cleaning which also assists the agitation for a thorough solution mix.
- 5 QUICK HOOK UP** - Trailed sprayer, hooking up is simple and easy! Just back the tractor up, connect the PTO shaft, plug in the hoses, cable and draw bar pin and away you go. This makes life a breeze if you have one tractor and need to use it for other tasks, yet allows you to apply following rotation of stock making your fertiliser application much more effective. The Columbia only requires a 75hp tractor to tow it.
- 6 PUMP** - Reliable, positive displacement, maintenance free piston pump. This pump can be field serviced in 10-20 minutes without removing it from the sprayer. Ceramic sleeves extend service intervals compared to conventional siaphragm pumps.

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## WHAT OTHERS ARE SAYING



"We've sprayed more than 700 hectares over one year without any major issues. The computer flow control is extremely accurate, the boom is very good, folds away compactly, is sturdy and the safety break-away is a great idea."

- SHEEP & ARABLE FARMER, CANTERBURY, SOUTH ISLAND, COLUMBIA 2000/18

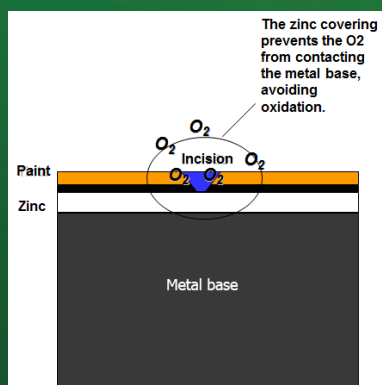
# Tough, Compact, Accurate, Versatile.

## MAXIMISE THE EFFICIENCY WITH A SMALL TRACTOR

The Coral and Columbia sprayers are an easy to use sprayer loaded with all the features farmers want in a great value package. Produced by the worlds largest sprayer manufacturer, Jacto employ more than 1800 staff to provide sprayers of application distinction, simple operation and durability that out-performs anything else.

## SPECIFICATIONS

Tank size	2000L
Flushing tank	100L
Hand washing tank	18L capacity
Pump	150l/min Jacto positive displacement piston pump
Controls	Masterflow 4 section electric, master in-cab controls. (Optional in-cab electric pressure adjust. Auto rate controller, or full GPS application & swath controls)
Agitation	Unique mechanical agitator - excellent for thick products
Gauge	Floating ball level indicator with scale
Lid	Hinged 455mm lid with basket strainer
Features	Triple suspension boom, tank access ladder and inspection platform with safety railing, chemical mixing and induction hopper
Booms	14 or 18 metre fully hydraulic boom with tilt function (18m only)
Axle	Adjustable axle 1.8-2.5m track. 9.5 R24 or 11.2 R28 wheel options



### DUPLEX PAINTING SYSTEM

Jacto uses a chemical zinc treatment to treat the parts prior to the primer and top coats being applied. In this stage, the parts are immersed in chemical zinc products. This provides protection from the oxidation caused by agricultural chemicals.

Without the zinc immersion process, the parts would not have resistance to paint damage, and a simple scratch would initiate the oxidation (rusting).

### THE BOOMS

**10 metre BoomLess** with adjustable height and breakaway nozzle shields.

**14 metre hydraulic boom** with protected double nozzle bodies, self-levelling system and height adjustment.

**18 metre hydraulic boom** with protected double nozzle bodies, self-levelling system, height adjustment and adjustable pitch/tilt.

### GUIDANCE

Optional dual-seeded foam marking system or Raven GPS guidance, proof of placement and reporting.





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#### **OPTIONAL FLUSH TANK**

The optional 100 litre flushing tank makes clean-up quick and easy when switching between products or at the end of a days spraying.

#### **ACCESS PLATFORM AND LADDER**

The entire range comes standard with a large access platform, and a folding ladder which makes tank inspections quick, safe and easy should you need to check inside the tank. It also makes for a handy chemical container storage platform so you can take the chemical with you.

#### **SAFETY CHAIN**

Factory rated safety chain is standard for peace of mind when travelling on the road.





#### UNIQUE BOOM DESIGN WITH WINGLIFT

Jacto booms have self-levelling and up to 15 degrees of winglift which makes following any terrain a breeze. The unique suspension design incorporates YAW, vertical, and individual sectional suspension which eliminates any stress loading.



#### HYDRAULIC BOOM DAMPENERS

Hydraulic shock absorbers are standard equipment on Jacto booms. This provides silky smooth folding and boom ride in the field making for an even better spraying result. Nothing compares!



#### IN-LINE SECTIONAL FILTER

5 point filtration is standard equipment on Jacto sprayers which saves you time, blocked nozzles, and the stripy paddock a blocked nozzle can cause.



#### MECHANICAL AGITATION

Simply superior agitation. Mixes granular Urea and other thick chemicals with ease. The unique design and tank shape provides unparalleled mix consistency eliminating stripy paddocks.



#### MASTERFLOW CONTROLS

Cost effective rate controlling - the MasterFlow valve is flow compensating, allowing +/- 20% rate change without costly electronics.



#### OPTIONAL INDUCTION HOPPER

Fill, mix and inject chemicals and powders into the main tank from ground level with the optional induction hopper with built-in rinse nozzle for cleaning residues from containers.



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# Columbia 10

## 2000 LITRE, 10 METRE BOOMLESS APPLICATOR

The Columbia with the Jacto 10 metre BoomLess applicator is designed primarily for applying liquid fertilisers, but is capable of applying most other products when there is minimal wind and low risk of drift damaging nearby crops.

Jacto have developed a special nozzle configuration to accurately apply chemicals and fertilisers over a 100 metre swath. The configuration can also be used to Jacto booms and adds an extra 8 metres to the swath width of the boom.



2000 litre capacity main tank, 1000l/min piston pump, swivelling towing eye, mechanical agitation

Manual, electric or fully auto rate control options. Or add an 8 metre DuraBoom - NZ's toughest

Standard with 7.5 R16 wheels or choose the optional 11 R15 wheels

Tandem oscillating axle allows faster operating speeds and more floatation

Each tank load covers up to 25 Ha of dissolved Urea or 13.3 Ha of Round-up.\*

10 metre swath BoomLess applicator with breakaways and shields and adjustable height

## CUSTOM BUILD

Need something outside a pack? No problem! Hustler's field consultants can help you custom build a Columbia so you get the exact spec you need.

\*Application rates based on: 40kg per Hectare of Urea applied at a water rate of 80 litres per Hectare. Roundup applied at 150 litres per Hectare.



# Columbia 14

## 2000 LITRE, 14 METRE FULLY HYDRAULIC BOOM

The Columbia 14 with its 2000 litre tank is a popular choice amongst farmers and dairy farmers wanting to complete their own spraying program. Be it fertiliser or chemicals, the mechanical agitator handles it all. The tough boom is proven to handle New Zealand conditions with a supple ride and amazing application consistency.



Built in PTO stand, jack and swivelling eye

4 section electric MasterFlow controls or optional 4 or 5 section Auto Rate or full GPS control options

Folding ladder and access platform with safety railing

Optional chemical mixing and induction hopper allows filling from ground level

9.5 R24 tractor grip wheels suit both broad acre and row crop spraying

Proven Jacto spray boom with triple suspension system and double nozzles

## OPTIONAL EXTRAS

Spec up a Columbia with hose reels, boomless applicators, foam markers, induction hoppers, tandem axles, tank rinsing nozzles, GPS and more...

Discuss your needs with one of our field consultants.



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# Columbia 18

## 2000 LITRE, 18 METRE FULLY HYDRAULIC BOOM

The biggest in the range, the 18 metre, 2000 litre Columbia is ideally suited to the larger farming operation, and covers the ground in no time. It comes with larger wheels as standard and the adjustable axle allows it to suit any row or controlled traffic farming system. The unique boom pitch/tilt function allows the operator to adjust the angle of the nozzles to suit wind direction and required penetration for thicker crops.



Low centre of gravity for stability, and plenty of under chassis ground clearance

Compact length provides more manoeuvrability, smaller headlands and more planted area

Unique suspension design provides unparalleled contour following

Adjustable axle width and hydraulic boom height adjustment allows flexibility of applications

Cover more ground with the tough 18 metre boom. Operating speeds allows up to 14.4 Ha per hour of spraying

The proven Jacto 18 metre boom. Optional nozzle spacings to suit maize, kumara or other crops

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# HUSTLER INNOVATION

**Hustler has been building strong, reliable balefeeders for New Zealand for more than 20 years.**

At Hustler, we develop our equipment based on input from the people who use our machines. It's our practical innovations and our ability to meet changing demands that gives Hustler the edge.

Our commitment to research and development means we build equipment you can consistently rely on, year in year out, ensuring you exceptional value for money.

**Hustler technology:** We have adopted LEAN manufacturing techniques, robotic welding, laser and plasma cutting technology and CNC-controlled equipment to ensure the very best quality, consistency and efficiency.

The introduction of sandblasting equipment and a wet-sprayed, 2-coat system mean your Hustler product has the best possible finish.

**Hustler heritage:** When you invest in Hustler products you are investing in forty years of research and development, backed up by Hustler's extensive nationwide network of accredited dealers.



**Our dealer network** guarantees technical backup and quick replacement of parts.



**CHAINLESS 8000** TRAILED 4-BALE FEEDER



**CHAINLESS 4000** TRAILED 2-BALE FEEDER



**CHAINLESS 2000** LINKAGE FEEDER



**SL700X** TRAILED 2-BALE FEEDER



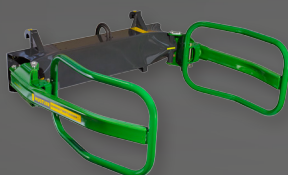
**SL350** LINKAGE FEEDER



**SL450X** LINKAGE TROUGH FEEDER



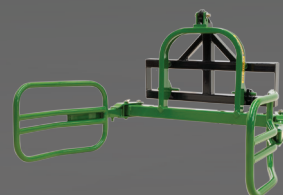
**MEGA SOFTHANDS** CONTRACTOR



**COMPACT SOFTHANDS** FARMER



**CXR SOFTHANDS** FARMER



**SYSTEM 10 SOFTHANDS** FARMER



**KATIPO** LINKAGE 680-1150



**FOX** LINKAGE 1200-2000



**COLUMBIA** TRAILED 2000



**ADVANCE** TRAILED 3000



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