

# CULTIVATING YOUR FUTURE

## WHEELS

The Powerchains are fitted with large transport/support wheels, providing a stable ride in the field and on the road. Unique to the Powerchain, the support wheels are mounted on the side frame in front of the chain to achieve optimal ground following.



## TRANSPORT

At only 2.5m or 3.0m transport width, the Powerchain series is incredibly easy to move around between paddocks and farms.

In most jurisdictions, no escort will be required.



# DALBO®

Also available from DALBO



MINIMAX 450-950



POWERROLL 1030-1830



MAXIROLL 530-1230



MEGAROLL 2130-2430



MAXICUT 600-920



ROLLOMAXIMUM 620-1240



CULTIMAX 550-1000



TRIMAX 300-630

# CULTIVATING YOUR FUTURE

# DALBO®

# POWERCHAIN

500 - 800 - 1200



SCAN FOR INTRO VIDEO:



IMPORTED BY:



POWERED BY:



MADE IN DENMARK

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See Techgrow website here:



MADE IN DENMARK

# POWERCHAIN



Dalbo, the specialist Danish tillage manufacturer has partnered with experienced Australian machinery importer Techgrow and Bute Discs to offer the Powerchain to the Australian market. The disc chain unit is specifically designed to complement the Bute Disc system, and has a range of unique advantages including:

- Hydraulic chain tensioning system - maintains correct level of tension at all times, resulting in an even cut across the working width (ensures the chain doesn't skip or bow)
- Higher working speed than the competition - up to 15km/hr depending on conditions
- The linkage tow system - allows the entire chain to be lifted off the ground when turning (i.e. on headlands)
- Support wheels mounted on the front of each side frame ensures the chains run smoothly over the ground and achieve an even, level finish, no matter the conditions
- Bute Disc System - Quickly and easily adjust the removable disc weights to achieve the desired working depth and level of working/finish
- Seeding Capability - The optional variable rate seeding kit dramatically increases the functionality of the unit
- The Powerchain is designed to deal with high levels of crop residue, and is tried and tested over years of continual development in Aussie conditions
- Undulation is no problem for the Powerchain. The unique frame designs follows paddock undulation to leave a level surface

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## TECHNICAL DATA

TYPE	POWERCHAIN 500	POWERCHAIN 800	POWERCHAIN 1200
Working width	5m / 16ft	8m / 26ft	12m / 39ft
Working depth	Up to 5cm	Up to 5cm	Up to 5cm
Working speed	Up to 15 km/hr	Up to 14 km/hr	Up to 14 km/hr
Weight (standard unit)	3,400kg	6,000kg	10,100kg
Transport width	2.5m	3m	3m
Transport length	8.5m	10.15m	12m
Transport height	3.8m	3.6m	3.8m
Number of discs (standard)	90 pcs	132 pcs	198 pcs
Angle of discs	40°	40°	40°
Wheels	520/50x17	520/50x17	600/50-22.5
Support wheels	10.0/75-15.3	260/75-15.3	400/60-15.5 (SIDE) 300/55-14.5 (BACK)
Power requirement min/max	110hp / 125hp	180hp / 300hp	275hp / 350hp

## DISCS

The Powerchains are fitted with 4 Bute Disc chains in diamond formation at an operating angle of 40°, giving a full cut across the working width. Any of the Bute Disc range can be fitted to the Powerchains.

All four chains are hydraulically tensioned, allowing for higher operating speeds and a consistent cut across the working width. The working depth varies depending on soil conditions, but is typically around 5cm and can be adjusted by adding or removing the Bute Disc weights. Up to three 2.4kg weights can be added to each disc.



## CHAIN LIFT ON TURNING

Unique to the Powerchain is the ability to lift the entire chain (and frame) off of the ground in operation mode to turn on headlands.



This eliminates the traditionally aggressive disturbance of soil whilst turning with disc chain machines.

## SOWING EQUIPMENT

The Powerchains can be mounted with an optional Air Seeder kit. The seeding unit is hydraulically driven, with both variable rate and Isobus capability. A wide variety of seeds can be sown with the unit.

The distribution plates for the seeder are between the front and rear discs. This allows the front discs to loosen the soil and then the rear discs to cover the seed in a single pass at consistent depth.

