



TURBO-CHISEL



The flexibility to till up to 28cm deep



TOGETHER WE'RE EVEN STRONGER

The Turbo-Chisel is a proven combination of chopping, mixing and leveling, while always working the soil vertically, never horizontally. This efficient and effective unit gives you the flexibility of tilling down to depths of 280mm and can be configured to suit any soil and residue conditions.

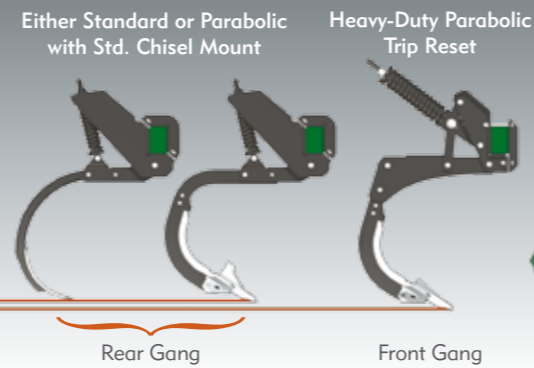
Adjustable heavy-duty parabolic trip reset tines spaced at 76cm work down to depths of 20-28cm and are followed by another set of either medium-duty parabolic chisel legs or standard chisel legs also at 76cm spacing. The staggered front and rear legs give a net tine spacing of 38cm.

If your goal is to size and incorporate residue in the top 100-125mm of top soil, while leaving the soil level enough for a single pass operation in the spring, the Turbo-Chisel is the tool of choice.

THE TURBO-CHISEL COMBINES CHOPPING, MIXING, LEVELING AND VERTICAL TILLAGE

TURBO-CHISEL TINE CONFIGURATION OPTIONS

The 13.18 x 7.6cm parabolic leading leg runs 3.8cm deeper than the rear leg or it can be set to run at the same depth. The rear legs split at an effective 38cm spacing remove compaction layers and reset the soil profile.



BUSTER BAR

The buster bar, which can be specified instead of the rolling chopper wheel, is a robust drag attachment that aggressively breaks up soil and levels residue. It is ideal for use in stony conditions.



140 - 390HP



2.66m - 4.95m

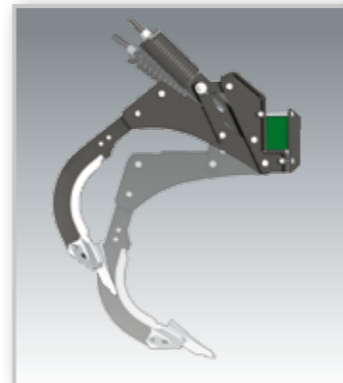


DOWN TO 280mm



56cm PATENTED TURBO COULTER

Mounted to a hydraulically controlled toolbar and set at 19cm spacing, this exclusive coulter design features an innovative flute pattern on the blade which enters the soil vertically and exits horizontally. This design delivers the best results in terms of both chopping residue and mixing soil down to 15cm deep.



HEAVY-DUTY TRIP RESET TINE

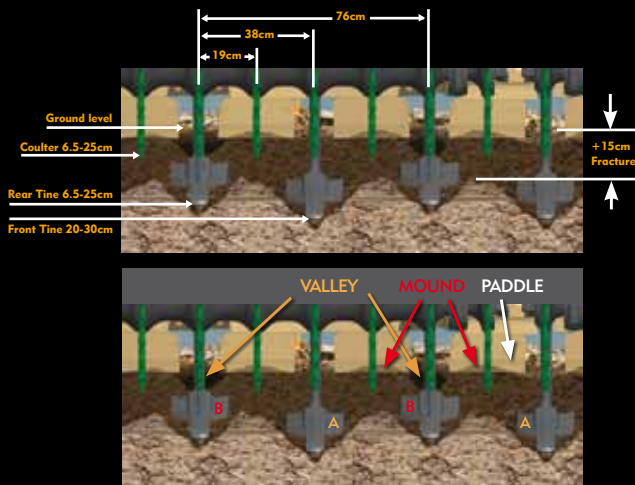
This rugged, hard-wearing tine has a horizontal trip force of 1,111kg (2,450lbs) and will automatically reset when tripped. Spaced at 76cm they work down to depths of 20-28cm. A 17.78cm winged point lifts and shatters the soil sideways.



ROLLING CHOPPER WHEEL

The highly innovative and award-winning Rolling Chopper Wheels chop residue while filling the rear leg's furrow to provide the optimum level surface. The Rolling Chopper Wheels angle towards one another to maximize their sealing action increasing moisture retention of the finished soil.

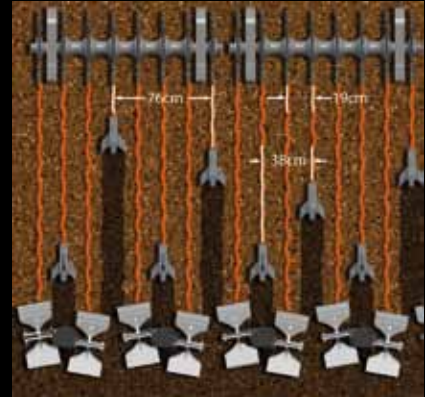
HOW THE TURBO-CHISEL WORKS



- A = Front row of tines run about 1.5 inches/3,5 cm deeper than rear tines.
- B = Rear tines leave a hole or valley behind them left and right of them and a raised mound off their wings.
- C = The paddle is angled to move soil back from the mound into the valley. It cuts clods and residue down.

Coulters cut the residue into 19cm long pieces and cultivate a strip of ground, fracturing the soil ahead of themselves. Two rows of tines follow in line with the coulters to minimise

plugging. Spaced at 38cm they ensure fracture across the soil profile from 20-28cm depth. The rear paddles chop the surface residue and push the soil back into the tine furrow to level the surface. They are angled to maximize their sealing action behind the tine, preventing moisture loss.



TECHNICAL SPECIFICATIONS

Model	Working Width (m)	Transport Width (m)	Weight (kg)	No. of Coulters	No. of Tines	Power Req (hp)
TCN5107	2.7	2.7	3311	15	7	140 – 210
TCN5309	3.5	3.0	4762	19	9	180 – 270
TCN5311	4.2	3.0	5216	23	11	220 – 330
TCN5313	4.9	3.0	5488	27	13	260 – 390

All the above Turbo-Chisel models have a transport width of 3 metres or less. Other models are available with working widths of up to 8.76 metres.

STANDARD FEATURES

- 56cm patented turbo coulters
- Leading heavy-duty parabolic trip reset tine
- Choice of standard chisel or med-duty parabolic chisel legs at rear
- Leg spacing 38cm
- 10 x 15cm frame tubing
- Narrow profile self-leveling hitch
- Heavy-duty light package
- Single point hydraulic depth adjustment

OPTIONAL EXTRAS

- Buster Bar for stony conditions (in lieu of rolling chopper reel)

A COMPREHENSIVE RANGE

There are ten additional Turbo-Chisel models available. Suitable for non-EU markets, they range from 9 leg/3.6 metre transport to 23 leg/4.41 metre transport models.

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