

# CHISEL CULTIVATORS **TURBULENT**



Use of the TURBULENT chisel cultivator brings many technological advantages. Soil is deeply aerated and mixed, up to a depth of 35 cm. The usual working depth is 18–25 cm, similar to ploughing depth. Four rows of heavy duty chisel tines, penetrate the soil along the entire width to the set working depth. Even with very deep working, creating a fine tilth leaving very few clods. The bottom soil layer is not uniform. This allows for excellent drainage of water into subsoil layers. It is possible to fit the chisel points with side wings for a real soil undercut. The resulting germination of plants is excellent. The TURBULENT cultivator is a machine made for incorporation of a large quantity of post-harvest remnants or farm yard manure. The wide tine spacing give the machine good inter body clearance and straw or manure is well incorporated in soil. The percentage of plant remnants that remain on the surface is very small, even less than with classic disc stubble cultivators.

## ADVANTAGES

- Hydraulic folding to transportation width of 3 m
- Possibility to work with machine in folded position
- Heavy duty Main frame (profile 100 x 100 x 8)
- The shape and spacing of the tines provides free flow for plant residues
- Able to work in damp conditions
- Great working depth
- Relatively low power requirement
- Excellent penetration of tines into soil
- High productivity
- Hydraulic adjustment of the levelling disc, working depth
- Possibility to work with folded machine (Turbulent 5) see above

Number of tine rows	4
Row spacing	780 mm
Under frame clearance	880 mm
Tine spacing	200 mm
Point width	75 mm/240 mm with wings
Working depth	max. 350 mm
Tine protection	spring (non stop)
Brake back force (tine)	450 kg
Levelling device	discs ø 460 mm
Rollers	double pneumatic, segmented

**eXtra STEEL line®**



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chisel tines in four rows

levelling discs

rear pneumatic packer



Chisel with tungsten hardening



Ridges are made by the rubber-tyred roller. The soil then dries faster in spring.



When working to a deeper depth, the machine can be folded and a lower horse power tractor can be used.

Technical parameters	unit	TURBULENT 3	TURBULENT 5
Working width	m	3	4,7
Transport width	m	3	3
Working depth	cm	max. 35	max. 35
Tractor power required*	kW/HP	from 120/163	from 180/245
Performance	ha/hour	2,4-3,6	3,6-5,4
Working speed	km/hour	8-12	8-12
Number of tines	pcs	15	23
Weight**	kg	3600	5850

\* Recommended performance can vary according to soil conditions.

\*\* Weight with the double rubber-tyred roller.