

SUPER NOVA COMBI

Super Nova Combi



THE BEST MULTIPURPOSE SEED AND FERTILISER DRILL FOR ALL CONDITIONS.



The Tume Super Nova Combi is a multipurpose seed and fertiliser drill for all cultivation methods and soil types. The machine is suitable for direct seed sowing, minimum tillage and traditional seed sowing.

The Super Nova Combi brings farming into the next generation, with its ISOBUS compatibility. Seed and fertiliser are fed by electric motors, and the machine can be halved on both the right and left side. The size of the hoppers has also been increased: On a 4 m machine, the volume is already over 5.5 m³.

The machine's coulter penetration and debris-proofness are in a class of their own: The coulters and rear wheels on this machine are staggered in the driving direction.

Nova Combi is known for its front wheels. One front wheel guides only two coulters. This allows for significant vertical irregularities in the field while keeping the sowing depth correct. The front wheel presses the straw down before sowing and the wheel reacts by raising the coulters when obstacles are encountered. Sowing depth/germination is not affected by the hopper fill level or driving speed.

SAVINGS ON ALL COSTS

- Low tractive resistance - easy to pull, even with tractors under 90 hp: significant fuel savings.
- Considerable fertiliser savings in fertiliser application.
- The machine detects cornering: more seed/fertilizer applied to the outside than the inside of the turn.

CONSISTENTLY ACCURATE SEED SOWING DEPTH

- Field surface variations (ruts, furrows, etc.) do not affect seed sowing depth in the direction of travel or laterally.
- Hopper fill level does not impact seed sowing depth.
- Driving speed does not impact seed sowing depth.

ROBUST, DEBRIS-PROOF COULTERS

- Sturdy coulter arms.
- Coulter weighting can be adjusted while running. Maximum weighting 200 kg/coulter.

EASY TO ADJUST AND USE

- Working depth is easy to adjust in front of the coulter pair.
- ISOBUS-compatible, if desired.
- Easy and safe to use and maintain - proper platforms, stairs and rails.
- Hoppers very easily discharged from the ends (e.g. into FIBCs)

ROBUST AND ECONOMICAL.

The low tractive resistance saves fuel - up to 10 litres/hectare.



UNPARALLELED POWER AND ECONOMY.

In the Super Nova Combi, seed and fertiliser is run into the same coulter, but with Tume's proprietary dual disk coulter, they are kept slightly separated from one another.

Because there are no fertiliser coulters and all dual disk parts working the soil are rotating, the Super Nova Combi requires up to 30% less tractive power. This low tractive resistance saves up to 10 litres of fuel per hectare and, switching to a Super Nova Combi does not necessarily require a larger, more powerful tractor.

The maximum coulter weighting of the Super Nova Combi is sufficient in all conditions - approximately 200 kg/coulter.

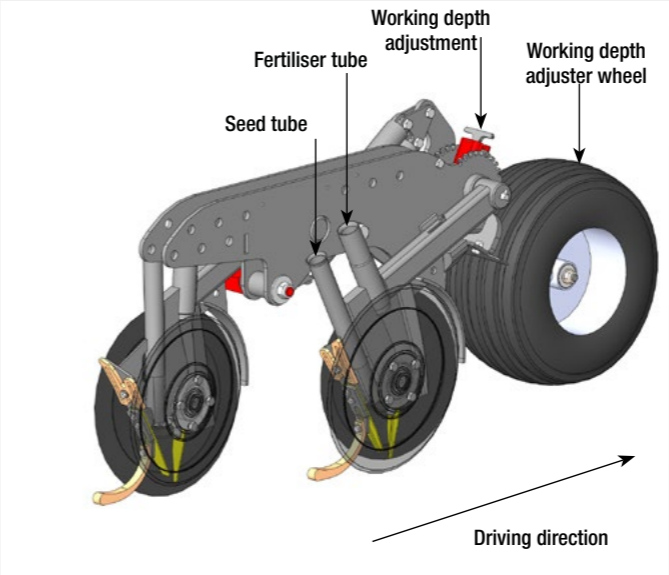


HYDRAULIC REAR HARROW.

Included standard with the machine is a hydraulic rear harrow, which operates independently on cylinders. You can choose the function of the rear harrow using a remote control unit in the tractor cab: Leave it down at the field ends. Have it follow the raising and lowering of the machine. Or, leave the rear harrow up, even when sowing, such as when direct sowing on a thick straw bed.

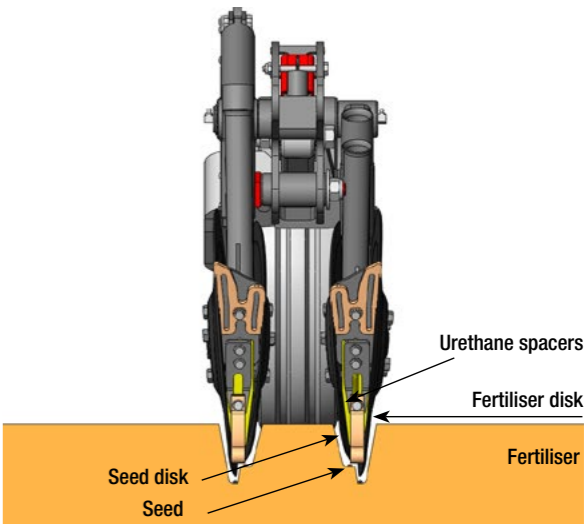


SUPER NOVA COMBI COULTER UNIT



DURABLE, STRONG COULTER CONSTRUCTION.

The front wheel steering the coulter assembly is correctly placed: It reacts at the right time, compacts the soil suitably and presses straw or other material down so that the sowing coulter can cut a furrow for the seed. The convex profile of the coulter reduces the formation of ridges, thus ensuring good seed coverage. The coul-



ter disks have different diameters, and they clean each other's inner surfaces as they rotate. There are urethane spacers inside the coulters to prevent the fertiliser and seed from mixing as well as the effect of soil flow on sowing depth. The stone-rejection system on each coulter ensures that the discs can withstand even the hardest conditions.

PROVEN TECHNOLOGY. STATE-OF-THE-ART EASE.

The Super Nova Combi is completely reliable, easily controlled and saves on fertiliser costs.

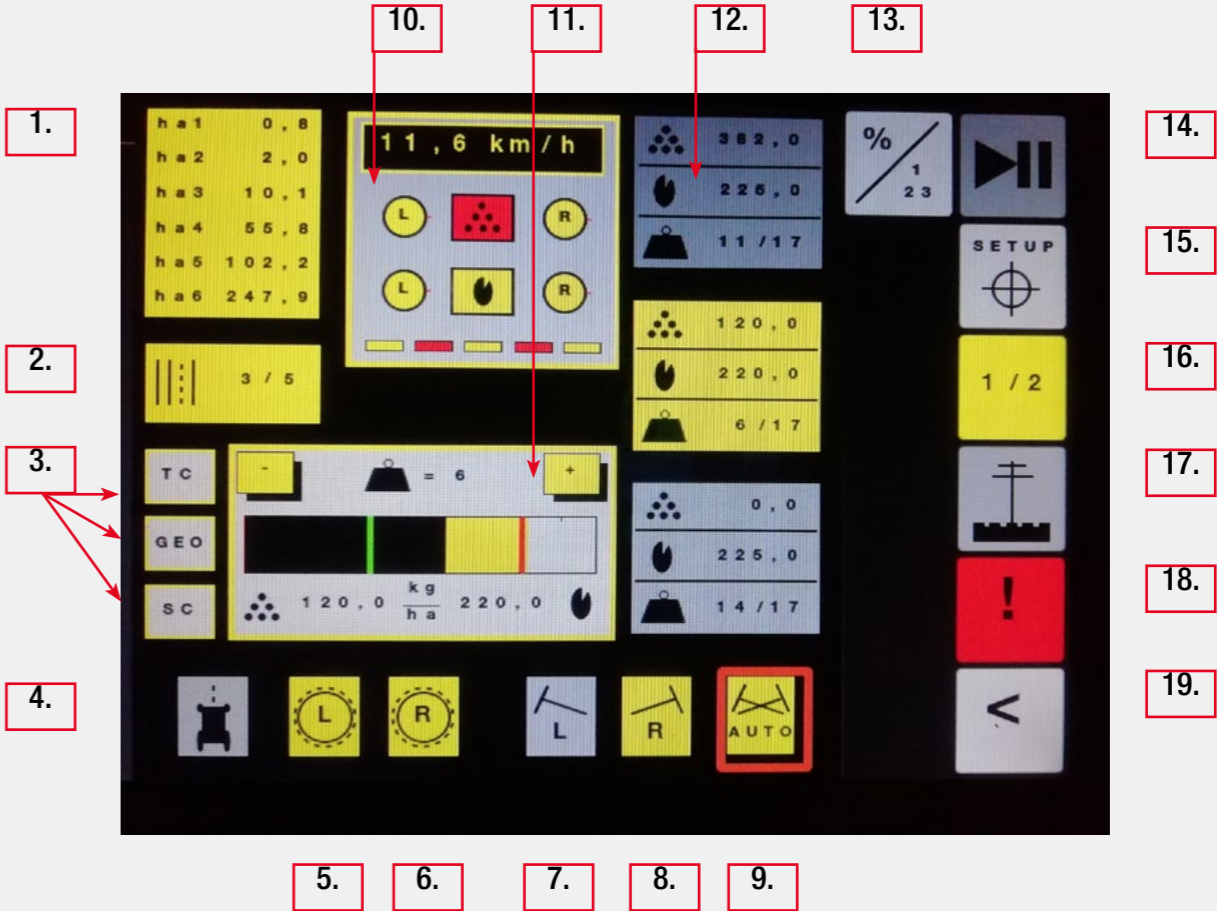


PRECISE WORKING DEPTH IN ALL CONDITIONS.

Field surfaces are not always dead flat. The coulter must be able to follow any contours they encounter. Tume's Nova Combi guarantees the most consistent furrows. The same technology can also be found on the new model: one front wheel steers two coulters, as needed. This has a positive effect, in that the front wheel compacts the soil and presses any plant residue before sowing. The coulters open and close the sowing furrow more reliably.



YOU CAN VIEW ALL
FUNCTIONS ON THE
SAME SCREEN.



- 1. Area gauges
- 2. Tramline settings and status
- 3. ISOBUS Task controller status
- 4. RITS marking function.
- 5. Halving selection - left
- 6. Halving selection - right
- 7. Selection of the left marker
- 8. Selection of the right marker
- 9. Automatic half switching of markers
- 10. Machine speed, hopper monitor and axle monitor status, left and right row switch status
- 11. Machine height data (incl. half lifting limit and coulter pressure), manual adjustment of coulter pressure and active fertiliser and seed feed amount
- 12. Fertiliser, seed amount and coulter pressure profile selection (3 profiles)
- 13. Control of the fertiliser and seed amounts and coulter pressure profile settings
- 14. Stopping the row counter and marker automation
- 15. Test run menu, adjustment of the half lift setting
- 16. Selecting half lift
- 17. Selecting the marker pole lift
- 18. Resetting alarms
- 19. Return to main menu

ENHANCE YOUR MACHINE'S VERSATILITY WITH OPTIONAL EQUIPMENT.

Hydraulic markers
Grass seed unit



Wheel packer



Hydraulic front levelling board



Cultipack disk harrow

TECHNICAL SPECIFICATIONS Super Nova Combi

| | | |
|----------------------------------|----------------------------------|----------------------------------|
| | 3 m | 4 m |
| Hopper capacity , l | 4000 | 5500 |
| Working width , mm | 3000 | 4000 |
| Weight, kg | 4100 | 5150 |
| Tractive power requirement hp/kw | 90/66 | 120/88 |
| Dual-disc coulters | 18 pcs, Ø 360/400 mm | 24 pcs, Ø 360/400 mm |
| – weighting range | 40–200 kg | 40–200 kg |
| – runtime weighting adjustment | standard | standard |
| Working depth adjustment wheels | 9 pcs | 12 pcs |
| – tyre size | 18,5 x 8,50 – 8 AW | 18,5 x 8,50 – 8 AW |
| Fertiliser/seed feeder | fluted rollers/pins | fluted rollers/pins |
| – bottom valves | adjustable, spring-loaded | adjustable, spring-loaded |
| – feeder usage | electric motors (4 pcs) | electric motors (4 pcs) |
| Support wheels | 9 pcs | 9 pcs |
| – tyre size | adaptive structure 250/70-18" | adaptive structure 250/70-18" |

Standard equipment: ISOBUS // Step plates fore and after // Small seed sowing equipment // Combination drawbar for Super Nova Combi + drawbar hydraulics // Rear harrow // Fertiliser and seed screens // Self-retracting tarp cover // Adjustable hopper partition // Test run equipment for fertiliser/seed // Lighting equipment

Optional equipment: Hydraulic row markers // CultiPack disk harrow // Intermediate wheel packer // Grass seed unit // Agitators for fertiliser and seed // Levelling board



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