



Powerful, flexible and ideal for bigger triangular windrows: Leading through development.

High-quality processing, intelligent interiors and the comfortable and intuitive operability of the turning machine SF 420 make it evergreen. It can be used for all-round application and is a classic piece... and is now equipped with a great future-proof upgrade of the leading control technologies in the world. Its strengths can be put to practical use quickly... and often offers unbeatable advantage in the face of fierce competition:

- ||||| Robust and time-tested technology for reliable and trouble-free functioning.
- ||||| Easy and self-explanatory operation.
- ||||| Intelligent control.
- ||||| Time-saving design for quick service and easy maintenance.
- ||||| Mobility and safety.

Neuson Ecotec has many years of experience and a lot of know-how in producing efficient special-purpose machines which optimise the working processes and make a lot of difference. Neuson Ecotec can offer one thing above all: complete professionalism. Right from consultation regarding the individual configuration up to service and conservation of value.

Environmental and forestry machines for harvesting, composting, recycling and waste management in an efficient form.

Mechanical engineering with quality, performance and innovation for a sustainable use of raw materials, value and waste of all kinds ... This is the Neuson Ecotec mission. Principles that are consistently implemented for the benefit of customers in each machine:

- ||||| Stable, sturdy and yet movable design.
- ||||| Innovative hydraulic system and intelligent control.
- ||||| Ease of use and high security.
- ||||| Individual configurations for flexible deployment profiles.

Neuson Ecotec is a specialist in environmental equipment, from which man and the environment benefit alike. Already today, and with certainty also tomorrow.

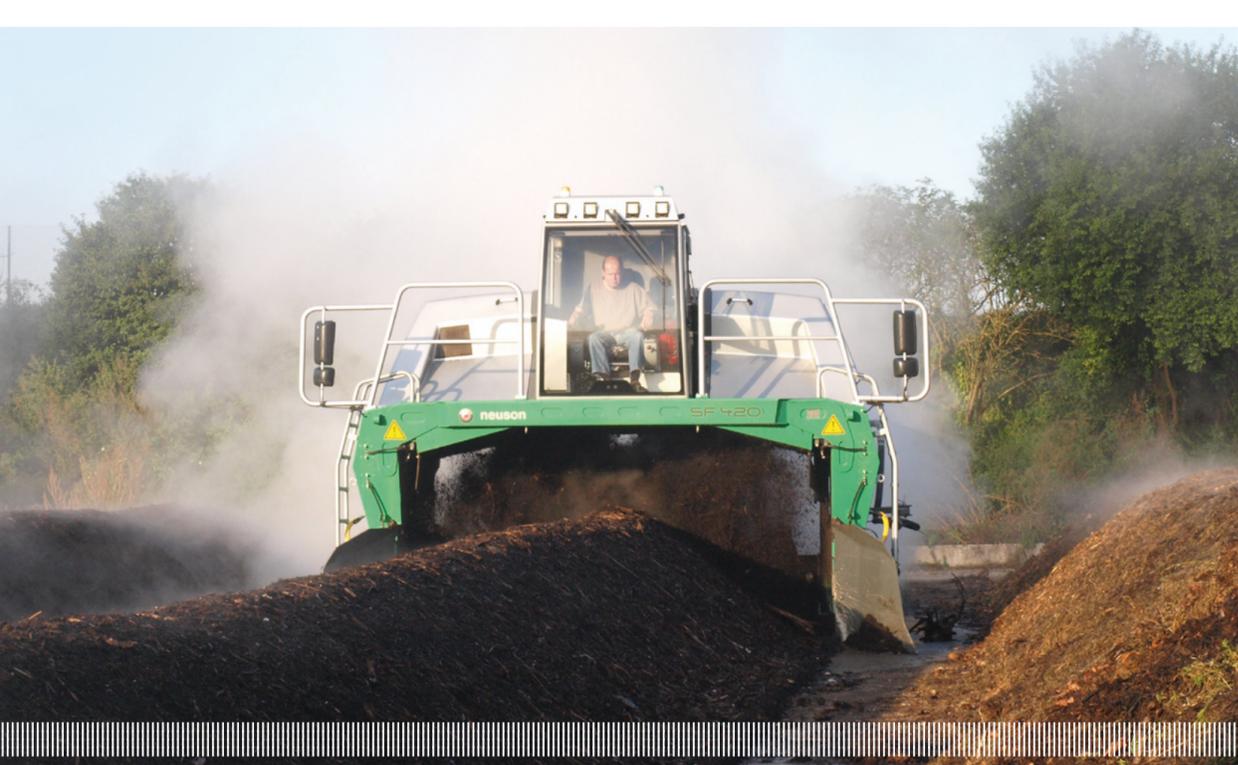
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Windrow Turner SF 420

The environmental machines.





Skillful turning is half the windrow:
**High-class technology for assured
 compost quality.**



A proven concept using the latest technology.
 The model SF 420 is a well-known triangular windrow specialist.

Easy maintenance and cleaning.
 The optimum accessibility of all important parts keeps the hauls as short as possible.

The most modern CAN bus control.
 Now the complete electronics for the engine, hydraulic and security systems is „wired“. Immediate error diagnosis and quick response option.



Air-conditioned cabin and liftable chassis.
 Productive working conditions and the possibility to lay higher windrows on the same surface.

Low-wear and swivel-mechanism rotors.
 In connection with the optional fleece roller, turning and fleece rolling is possible in a single operation.

Ideal design coordination of engine and hydraulics.
 A combination of powerful drive mechanism and intelligent hydraulics ensure maximum maneuverability, economical operation and maximum results while composting.

**Turn compost, sludge and contaminated soil professionally:
 The Neuson Ecotec SF 420.**

A logical choice for quality and lasting success. The SF 420 is intended for turning triangular windrows and is the result of many years of development. A multifunctional and self-propelled turning machine which functions extremely efficiently always guarantees the best results while composting and is best suited for triangular windrow applications.

Neuson Ecotec factors:

- ||||| Modern and future-proof CAN bus control
- ||||| Steel reinforced and stable rubber track
- ||||| Height adjustable chassis (option) and tiltable guide blades
- ||||| Height adjustable rotor
- ||||| Powerful diesel engine
- ||||| Irrigation system and bacterial inoculation unit as options

Technical Data

SF 420	
Main Data	
Design	Self-propelled turning machine, tunnel principle
Dead weight	~ 7.000 kg
Width / depth / height	5.45 x 2.55 x 4.05 m
Application area	
Windrow geometry	Triangular windrows
Suitable for	compost, sludge, contaminated soil
Turning performance	
Turning capacity	up to 1800 m ³ / h
Max. working width	4.20 m
Max. working height	2.10 m
Rotor	Swivel mechanism
Engine data	
Engine	John Deere
Type	Turbo Diesel
Performance	202 HP / 149 kW
Cubic capacity	6.8 l
Cooling system	Water-cooled
Diesel tank	235 l
Undercarriage	
Undercarriage	Rubber tracks with steel inlets
Rotor (hydrostatic drive mechanism)	0-280 rpm
Transfer speed continuously variable	0-4.0 km / hr
Operating speed continuously variable	0-2.0 km / hr
Height adjustment	30 cm
Guide blades	Hydraulically tiltable
Hydraulic system	
Hydraulic system	Drive system- fully hydraulic
Hydraulic engine	Rotors - Rotary power / chassis - MOTTROL
Hydraulic tank	150 l
Cabin	
Ergonomics	Swivel mechanism
Overpressure system	Air conditioner with activated charcoal filter and particle filter
Panoramic mirror	The best all-round view
Transport dimensions	
L / W / H without fleece roller	4.87 x 2.55 x 3.75 m
L / W / H with fleece roller	5.40 x 2.55 x 3.75 m
Options	
Fleece roller	Turning and rolling in a single operation
Irrigation system	Optimum humidity control
Bacterial inoculation unit	Process optimization