

**TURBOBUSTER**



**TURBOBUSTER**

TU 115  
TU 145  
TU 170  
TU 195  
TU 180 XL

Trioliet: Invents for you.

 **TRIOLIET**  
FEEDING TECHNOLOGY

# Turbobuster

Silage block cutter



## Still the best after 30 years

Silage block cutters have become a common sight on many cattle farms over the last 30 years. Naturally the block cutters have been further developed in that time in order to suit the changing circumstances of cattle farmers. We haven't stood still at Trioliet either, where silage block cutters are concerned. Greater user-friendliness, longer lifespan and lower maintenance and running costs were the starting points when designing the new generation of silage block cutters.

## Keeping the livestock healthy

The quality of the cattle feed is important for keeping livestock healthy. The Trioliet silage block cutters help contribute towards achieving this. The forage is cut right at the base thanks to the hardened steel blades with deep set cutting teeth, as well as the high capacity 'intelligent' hydraulic system combined with powerful cutting capacity. This results in a clean, straight forage silo without any residual feed. No matter what kind of feed, it will remain in top condition thereby contributing to the health of the livestock.



# Turbobuster 180 XL

Silage block cutter



## Greater capacity and time-savings with the TU 180 XL

Trioliet's latest silage block cutter is the Turbobuster TU 180 XL. This has been designed in response to increasing demand for higher capacity machines, and also greater use of automatic feeding systems. The cutting depth of the TU 180 XL is at least 1.05 cm. The TU 180 XL cuts out a large and stable block that cannot fall over. It can also be ideally combined with the Triomatic T40, or other automatic feeding systems thanks to its high reach capacity.



# Turbobuster

Silage block cutter



## Robust construction for longer lifespan and lower running costs

The Turbobuster name stands for high cutting capacity and robust machinery. All the components on the chassis are powder-coated. The cutting blades are each driven directly by a cylinder without any intermediate moving parts. This also ensures longer a lifespan and savings on maintenance costs. The Trioliet silage block cutters are extremely reliable under any conditions thanks to the very robust construction and high levels of quality. This gives cattle farmers extra assurance for running their operations.



### Highly advanced cutting blades for optimal feed quality

The Trioliet silage block cutters are fitted with durable blades made from hardened steel. This means that the blades are less sensitive to the effects of foreign objects in the forage. The Turbobuster's deep set cutting teeth ensure optimal cutting capacity for both dry feed and permanent forage silos. Moreover, the blades ensure that less start-up torque is required to cut the feed. This results in the feed remaining in better condition. Both square and circular bales can be cut.





## Always the highest possible performance

Intelligent controls and delivering the required capacities; the Turbobuster adapts to the task in hand thanks to its innovative hydraulic system. The correct power levels are applied automatically for e.g. heavy silo, or less pressure for looser silo. Even when using tractors with lower hydraulic pressure, the system ensures that the maximum capacity is delivered by increasing the pressure internally. In other words - the Turbobuster performs optimally no matter what the circumstances.



# Turbofeeder

Unloader / distributor for Turbobuster



## Time-saving and efficient

The Turbofeeder from Trioliet is the right choice for rapidly distributing large quantities of feed over short periods of time. With its adjustable discharge speed the top discharger is suitable for every type of roughage. The Turbofeeder is characterised by its compact, simple design. The machine is extremely manoeuvrable fitted right behind the tractor, affording excellent vision during feed distribution. The V-belt with carrier on the top loader ensures that the forage block is completely divided up leaving no residual feed behind. The Turbofeeder combined with the Turbobuster provides a powerful, efficient and time-saving twin unit for your operation.





# Turbobuster



### Standard features

- Back-plates
- Completely protected cable housing
- Special tempered cutting knives
- Cutting system with direct drive on the knives and bypass system
- Knife protectors
- Hydraulic push-off (180 XL)
- Directly operated by tractor hydraulics
- Three-point linkage and with quick-fit coupling
- Standard attachment plates for tractors classification III (180 XL)

### Accessories

- High-lift 1.40 m
- Mechanical push-off (not for 180 XL)
- Hydraulic push-off for TU 115-195
- Hydraulic top-link
- Hydraulic side-shift
- Electric operation
- Attachment system for loaders
- Oil flow reduction valve for TU 180 XL

### Technical data Turbobuster

Type	TU 115	TU 145	TU 170	TU 195	TU 180 XL
Content m <sup>3</sup>	1,70	2,10	2,50	2,85	3,40
Length m	1,15	1,15	1,15	1,15	1,40
Length with high-lift m	1,30	1,30	1,30	--	1,59
Width m	1,97	1,97	1,97	1,97	1,97
Height m	2,02	2,32	2,57	2,82	2,71
Height with high-lift m	2,10	2,32	2,57	--	2,71
Gross weight kg	550	580	600	620	900
Gross weight with high-lift kg	770	800	820	--	1.300
Block height m	1,15	1,45	1,70	1,95	1,80
Loading capacity (Max. height) m	1,65	1,95	2,20	2,45	2,30
Loading with high-lift (Max. height) m	3,05	3,35	3,60	--	3,70
Hydraulic couplings required	1 double-acting valve 2 double-acting valves (TU 180 XL)				
Block dimensions m	Length 0.80 (1.05 XL) x Width 1.80 x Block height				
Hydraulic capacity required	25 l/min., 150 bar				
Max. hydraulic connection	60 l/min., 200 bar				
Minimum load capacity loader kg	3.500 (TU 180 XL)				

# Turbofeeder



### Standard features

- Steered bars
- Protection plates
- Hydraulic reversing system
- Properly protected discharge opening on both sides
- Automatic control system

### Technical data Turbofeeder

Content (depending on type of forage cutter) m <sup>3</sup>	1,65 - 2,80
Length m	0,85
Width m	2,28
Width (with protective covers folded up) m	2,00
Height m	0,86
Gross weight kg	280
Hydraulic capacity required	28 l/min., 150 bar
Hydraulic couplings required	1 double-acting valve



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