

TRUCKMOUNT



# TRUCKMOUNT

Models  
2000L-2400L-3200

Trioliet: Invents for you.

 **TRIO LIET**  
FEEDING TECHNOLOGY

# TRUCK MOUNT | Mixer feeder with two vertical augers



## HYDROSTATIC DRIVE SYSTEM

Two versions are available:

### A. Repto

The hydrostatic pump and motor have been integrated in one compact drive system, mounted directly behind the truck cab, driven by the truck flywheel PTO.

### B. Front bumper mount

The hydrostatic pump is mounted at the front bumper of the truck and is connected directly to the crankshaft of the engine.

The hydrostatic drive system is very simple. Only one variable axial piston pump and only one variable axial piston motor in combination with a planetary reduction gearbox form the whole system. Less components means less trouble! A generous cooling system keeps oil temperature low even running at maximum capacity at high ambient temperatures. A built-in automatic maximum pressure override protects the mixer in overload situations. The control of the hydrostatic system is done electronically. A professional control box offers full variable speed control in two mixer speed ranges. The mixer speed and mixer speed range is adjustable on the go. All functions like oil temperature, oil level, filtration for both the hydrostatic and the mixer gearboxes are surveyed, and the drive is interrupted as soon as the system risks to incur damage. The latest filtration technique resulting in increased pressure at the suction side of the hydrostatic pump is being used. The system also includes a cooling system for the planetary reduction gearbox and the mixer planetaries. In short built to last in harsh conditions with a minimum of maintenance.



- Minimum number of components, reliable and simple
- High pressure hydrostatic system with high efficiency
- Built-in maximum pressure override
- Timing of the augers is preserved for an optimum mixing process
- Full control of mixer speed on the go
- High capacity cooling system with integrated cooling system for the mixer planetary gearboxes
- Compact all in one system
- Standard electric control of all mixer functions



## MIXER BODIES

All mixer bodies offer the Trioliet benefits like the wear rim, the horizontal flow system thanks to the off set inserts, the twin stream augers and the rounded side doors and rounded side walls on the Solomix 2, ZK (side door) bodies. Also the way the auger mountings are integrated into the bottom construction, result in a strong and rigidly built frame. A sub-frame over the full length of the mixer with weigh bars at four points enables a good connection to the truck chassis beams with all forces spread out over the whole frame. The hydrostatic drive system standardly offers cooling for the mixer planetary gearbox.

- Strong and rigid frame construction with rigid sub-frame for professional mounting on your truck
- Full benefit of all Trioliet mixers features amongst others:
  - \* horizontal flow system
  - \* wear rim
  - \* "twin stream" augers
  - \* rounded side doors
- Distribution options: side doors, chain conveyor (VLK) or belt conveyor (VLB) (both including side shift)



## Standard features

- Mixing tub fixed on subframe
- Wear ring
- Hydrostatic driven
- Two planetary driven vertical augers
- One side door at the left (front) with rounded edges for even and rapid discharge (Models ZK and ZKX)
- Flexible and spacious side door cover
- 91" Wide chain conveyor with Heavy Duty chain with side-shift and flow regulation (discharge on LHS) on model VLX-K
- Two manual operated restrictor blades for models 2000L and 2400L, four restrictor blades for the 3200
- Pre-mix door without activation kit
- In cab controls
- Operating viewing platform
- Trioform auger knives short

Hydrostatic kit includes: Heavy Duty pump, pumpframe with front bumper, drive shaft, hydrostatic motor with reduction gearbox, oil reservoir and filter, hydraulically driven cooling system, integrated coolingsystem for planetary gearboxes and variable speed control with dual range.

Model	2000L ZK	2400L ZKX	3200 ZKX
Discharge		One side door left (front)	
Capacity cu.ft.	715	860	1,150
Overall length Inch	266"	269"	280"
Overall width Inch	100"	105"	114"
Overall height (based on chassis height of 46") Inch	123"*	141"	150"
Diameter of tub Inch	96"	96"	96"
Width of discharge door Inch	36"	36"	36"
Net weight Lbs	13,890	16,420	19,660
Maximum technical load Lbs	17,530	26,450	27,560
Number of auger knife positions	8	8	12
Number of knives mounted per auger	5	5	9
Minimal diesel power requirement HP (kW)	175 (129)	205 (150)	252 (185)
Maximum speed diesel engine		2,300 rpm	
Rotation direction diesel engine		Counter clockwise	
Scale system		4-point	
Voltage hydrostatic drive control		12 Volt	

\* Warning: side door will rise 9" above the tub when completely opened

Model	2400L VLX-K	3200 VLX-K
Discharge	Chain conveyor at front for discharge on LHS	
Capacity cu.ft.	860	1,150
Overall length Inch	284"	304"
Overall width Inch	105"	110"
Overall height (based on chassis height of 46") Inch	141"	150"
Diameter of tub Inch	96"	105"
Width of cross conveyor chain Inch	40"	40"
Side-shift on chain conveyor Inch	18"	18"
Net weight Lbs	16,400	19,620
Maximum technical load Lbs	26,500	35,010
Weight of VLK unit Lbs	1,660	1,660
Weight of hydrostatic kit including oil Lbs	2,350	2,350
Number of auger knife positions	10	12
Number of knives mounted per auger	7	9
Minimal diesel power requirement HP (kW)	200 (150)	250 (185)
Maximum speed diesel engine		2,300 rpm
Rotation direction diesel engine		counter clockwise
Scale system		4-point
Voltage hydrostatic drive control		12 Volt

## Conveyor units

Weight of VLX-K chain conveyor Lbs	1,660
Width of chain Inch	40"
Length of chain Inch	90"
Side-shift on chain conveyor	standard
Side-shift displacement Inch	18"

## Hydrostatic Drive system

Weight of hydrostat drive kit, without oil Lbs	2,250
Weight of hydrostat drive kit, with oil Lbs	2,950
Contents of oiltank (hydrostatic drive kit)	approx. 69 gallons
Contents of oiltank (planetary gears)	2 augers 33 gallons
Voltage hydrostat drive control	12 Volt
Rotation diesel engine	anti clockwise
Maximum speed diesel engine	2,300 RPM



Model VLX-K has a chain conveyor with side-shift at front.

info@trioliet.com

Trioliet Mullos BV  
Hinmanweg 149  
NL-7575 BE Oldenzaal

T +31 541-57 21 21  
F +31 541-57 21 25

info@trioliet.com  
www.trioliet.com

Trioliet: Invents for you.

 **TRIO LIET**  
FEEDING TECHNOLOGY