



**Jan Veenhuis**

**DUMP TRAILERS**

**STRONG  
AND STEADY**



**GENERAL PURPOSE**

**HIGH CAPACITY**

**SEVERE DUTY**

**NORTH AMERICA**



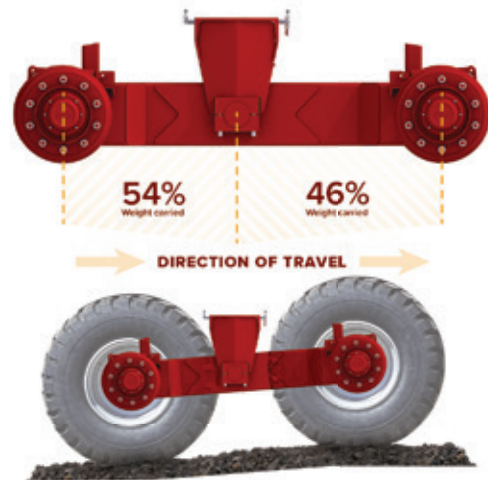
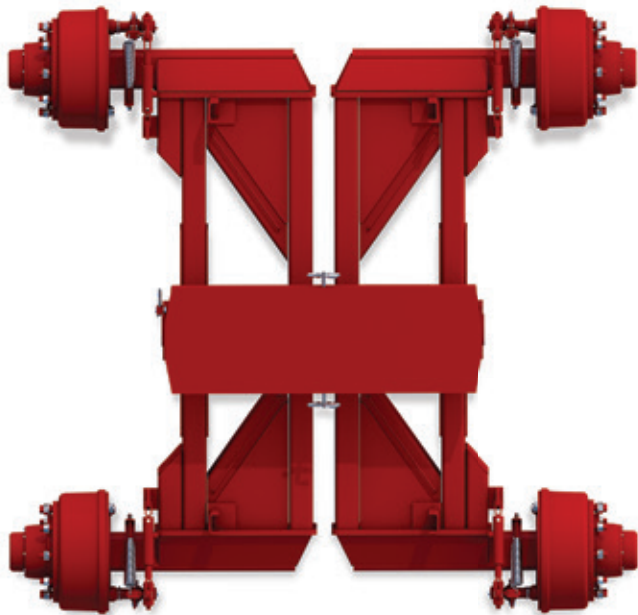
When it comes to dump trailers, Jan Veenhuis has been setting the standard since 1938. Located in Raalte, Netherlands, the third generation of Veenhuis family continues to design and manufacture agricultural and construction equipment.

Leading the charge in North America, Veenhuis has developed a long lasting partnership with Sunova Implement, based in Ontario, Canada.

Sunova Implement builds Veenhuis trailers from the ground up, with high quality Veenhuis parts and components straight through to the painting process. This unique relationship ensures that quality is maintained for all North American Veenhuis customers.

## Exclusive Walking Beam Tandem Axle

At the heart of every trailer is the exclusive Veenhuis axle assembly with features that improve performance and handling with less HP needed - both in the field and on the road. Efficiently powering through soft, wet conditions and absorbing the chatter at high speeds makes the Veenhuis trailers the workhorses they are.



### Eccentric Main Pivot

By offsetting the walking beam's main pivot four percent behind centre, the axle's front half is slightly longer and carries less weight. This reduces the pulling power required by allowing the front wheel to lift and ride on top of soft, muddy fields and reduces the jarring shock of bumps.

### Inline pivot and axles

Through years of research and testing, Veenhuis has determined aligning the main pivot and axles on the same horizontal axis provides the right balance of traction, stability and ease of overcoming obstacles.

### Sidehill Stable Suspension

The robust Veenhuis rigid walking beam provides smooth suspension without the need for leaf-springs, giving you predictable load stability on slopes.



### Hubs

Comparing similar capacity trailers, Veenhuis uses larger diameter bearings and hubs as a standard specification.



### Brakes

Offering the most contact surface for braking, Veenhuis trailers come standard with heavy duty commercial-truck drum brakes on every wheel. Each brake features its own slack adjustment for precise synchronized braking.



### High Speed Rim

Reinforced 10-bolt rims come standard on Veenhuis trailers, providing tighter tolerance and smoother ride when pulling at full capacity up to 40mph (65km/h) all day.

### Forced Hydraulic Steering

Improve tire life, fuel economy and maneuverability by tracking each axle around corners on the same radius without scuffing the tread.

*Tri-axle models (front & rear axles): Standard  
Tandem models (rear axle): Optional*





## Frame

Supporting all-day productivity starts with a frame that can handle heavy loads, torsional stress and remain strong and steady. The Veenhuis frame accomplishes all of this with confidence.



### A Full Height Cross Beams

Strengthening the boxed frame are welded cross beams that are the full height of the frame giving you more structural steel to support the weight capacity.



### C Dual-Axis Lift Hoist

By allowing the lifting hoist to pivot in four directions, the cylinder ram is able to always lift in a straight line, preventing bending and/or binding of the lift cylinder.



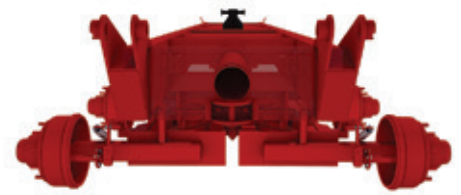
### E Long Tongue

Measuring 60cm (23.6") longer than the standard tongue, the extra length of the Veenhuis tongue gives greater clearance between the tractor's rear wheels and the trailer's dump body when turning corners.



### G NA Coupling Eye

Available for either 1.5" or 2" draw pin. (Interchangeable)



### B Torsion Tube (Exclusive)

Integrated into the rear of the frame running up to the lifting hoist is a cylindrical tube welded in place preventing torsional twisting which is critical during the first 60-65 degrees of dumping.



### D Vulcanized Rubber Mounted Suspension Drawbar

Reduce "bouncing wave" and create smooth travel using maintenance-free polymer isolators and deep-set hinge that absorb the fluctuations instead of transferring between tractor and trailer.



### F Machined Rotating Safety Hitch

Machined in one piece from high-quality steel and designed for heavy towing and safety, the Veenhuis Rotating Safety Hitch takes the stress out of the pin and drawbar in the event of a trailer roll-over, reducing the risk of a tractor roll-over.



### H Polymer Vibration Isolators

Reducing vibration of steel-on-steel friction between the frame and dump body are rubber pads installed along the rails.



### Dump Body

Whether its high capacity bulk material or abrasive and heavy aggregate, the Veenhuis dump bodies are designed for strength under pressure. The unique corrugated sidewall design and boxed corners create a structure that can support incredible weight and stays stable when dumping.

### Single Sheet Sidewalls

Made from a single sheet of steel, the sidewalls are smooth and seamless for easy material flow and reduced wear points.



### Tapered Sidewalls

Since the rear width is wider than the front wall, material naturally releases with minimal side friction, creating a predictable and fast dump cycle, every time.

### High Clearance Tailgate

Even when the trailer is mounded high, the deep pivot placement lifts the tailgate out of the way during dumping.



### Mechanical Auto-Locking Tailgate

Providing load safety and assurance during road travel, the tailgate automatically locks in the closed position using a gravity latch that requires hydraulic pressure to open.

### Triangular Boxed Corners

Running the entire length down both sides of the dump body are welded triangle shaped corners that give structural strength to sidewalls.

### LED Signal Lights

Bright, durable and energy efficient, Veenhuis trailers meet road safety signal requirements including braking, turning and side marker lights.



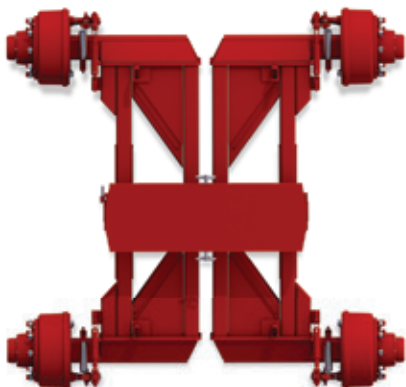
# JVSK

## HIGH CAPACITY

SILAGE // GRAIN // COMMODITY

**|| We use our Veenhuis 18-ton silage trailer about 800 hours a year per trailer. They are a very stable trailer with a good weight distribution from tractor to trailer. ||**

*Bert Roos, Roos Seven Hills Custom Work Ltd., Tilsonburg, ON*



### Suspension

- **JVSK 18-23:**  
Double-beam tandem walking axle with eccentric centre pivot
- **JVSK 32-36:**  
Hydraulic HD axle suspension, Hydraulic forced steering on front & back axles

## STANDARD FEATURES

### Running Gear

- 10-Bolt wheel hubs with oversized bearings
- Commercial truck hydraulic drum brakes on all wheels
- High-speed rims up to 65km/h

### Dump Body

- 3/16" (5mm) thick steel floor
- Torsion Tube (above 20 ton)
- 0.16" (4mm) thick steel sidewalls
- Steel bead blasted frame, body and components
- Double coats of primer and paint for long-lasting finish
- Friction reducing tapered box
- Front access ladder
- Rear LED signal lights
- High clearance hydraulic tailgate
- Single-sheet profiled sidewalls
- Grain door

### Frame

- Dual-axis lift hoist
- Rear hitch & electrical port
- 58" (1.47m) tongue standard or 81" (2.06m) long tongue option
- Double acting manual pump hydraulic jack stand
- Torsion tube
- Twin hydraulic hoist return lines (optional)
- Rubber mounted suspension drawbar
- Machined rotating safety hitch

\*All dimensions in drawing are OUTSIDE BOX dimensions



\*JVSK 23000 Mega Model Shown

| Model                 | Load Capacity             | INSIDE BOX Dimensions (L x W x H) with 18" / 45 cm extensions | Total Water Volume with 18" / 45 cm extensions | Hoist Volume           | Axle Setup                       |
|-----------------------|---------------------------|---------------------------------------------------------------|------------------------------------------------|------------------------|----------------------------------|
| JVSK 18000            | 18,000 kg<br>19.8 US ton  | 675 x 240 x 220 cm<br>22'2" x 7'10" x 7'2"                    | 36 m <sup>3</sup><br>1257 cu ft                | 33 ltr<br>8.7 US gal   | Tandem Walking Beam              |
| JVSK 19500            | 19,500 kg<br>21.5 US ton  | 675 x 270 x 220 cm<br>22'2" x 8'10" x 7'2"                    | 40 m <sup>3</sup><br>1416 cu ft                | 33 ltr<br>8.7 US gal   | Tandem Walking Beam              |
| JVSK 20000            | 20,000 kg<br>22 US ton    | 750 x 240 x 220 cm<br>24'7" x 7'10" x 7'2"                    | 39.6 m <sup>3</sup><br>1400 cu ft              | 46 ltr<br>12.15 US gal | Tandem Walking Beam              |
| JVSK 23000            | 23,000 kg<br>25.36 US ton | 800 x 270 x 220 cm<br>26'3" x 8'10" x 7'2"                    | 45 m <sup>3</sup><br>1576 cu ft                | 46 ltr<br>12.15 US gal | Tandem Walking Beam              |
| JVSK 23000 Mega       | 23,000 kg<br>25.36 US ton | 800 x 285 x 220 cm<br>26'3" x 9'4" x 7'2"                     | 50 m <sup>3</sup><br>1770 cu ft                | 46 ltr<br>12.15 US gal | Tandem Walking Beam              |
| JVSK 32000 Mega       | 32,000 kg<br>32.2 US ton  | 920 x 285 x 245 / 220 cm<br>30'2" x 9'4" x 8' / 7'2"          | 64 m <sup>3</sup><br>2260 cu ft                | 95 ltr<br>25.10 US gal | Hydraulic HD Suspending Tri-Axle |
| JVSK 36000 Super Mega | 36,000 kg<br>39.6 US ton  | 1000 x 285 x 245 / 220 cm<br>32'9" x 9'4" x 8' / 7'2"         | 69 m <sup>3</sup><br>2436 cu ft                | 98 ltr<br>25.88 US gal | Hydraulic HD Suspending Tri-Axle |

\*1 Ton=907.2Kg or Short Ton Volume including 45 Cm or 18" extensions. Also available with 55 cm or 21" extensions.



\*JVSK 23000 Mega Model Shown

# JVSK OPTIONS



18" / 45CM SIDEWALL EXTENSIONS WITH QUICK LOCKS



LONG TONGUE - 81"



K80 BALL COUPLING EYE



HYDRAULIC SLIDING FRONT GRILL PLATE (Bottom-up sliding shown. Also available Top-down)



NA COUPLING EYE FOR EITHER 1.5" OR 2" DRAW PIN (Interchangeable)

## Common Tire Choices



**BKT FL 630 Super**

Tire Size: 750/45 R 26.5  
L-S Index: 170 D



**BKT FL 630 Ultra**

Tire Size: 800/45 R 26.5  
L-S Index: 174 D



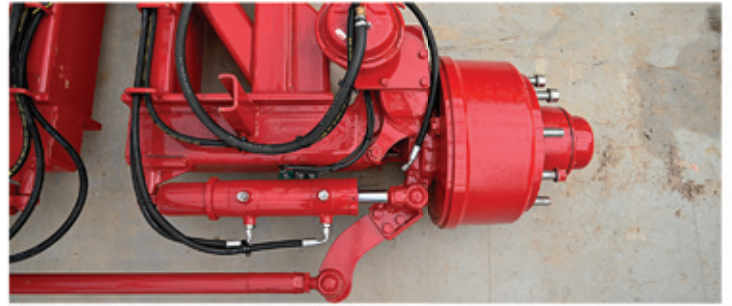
**BKT Ridemax FL 693-M**

Tire Size: 850/50 R 30.5  
L-S Index: 182 D





HYDRAULIC TONGUE SUSPENSION



COMBI BRAKES: AIR & HYDRAULIC



HYDRAULIC REAR FORCED AXLE



HYDRAULIC FOLDING 90-DEGREE FRONT EXTENSION



STANDARD HYDRAULIC JACK STAND



PTO DRIVEN HYDRAULIC PUMP



WIDER TRACKING WIDTH - 850/55 R 30.5 - 3.20m (126")



**JVSK**  
HIGH CAPACITY

**SIDE DUMP // ROAD TRAINS**

The Veenhuis Side Dump Trailer is designed for fast and stable dumping. Comprised of an upper and lower gate, the opening side unloads quickly, safely and away from the trailer's tires.

The side dump trailer includes the same eccentric centre-pivot axle assembly as standard rear dump trailers along with air brakes and 850/50R/30.5" tires. The frame includes a lowered rear hitch with female scharmuller receiver and the dump body is equipped with 45cm extensions and the 90-degree folding front extension.

### Higher Capacity & All-Weather Versatility

The fastest way to increase productivity is to increase the volume of material moved by each tractor and operator. Veenhuis helps maximize your productivity using the innovative double trailer road-train system. Not only does the Veenhuis road train deliver unmatched capacity per operator, it also gives flexibility to adapt to changing weather conditions.

Reach loads up to 47 tons (43,000 kg) using only one tractor by combining the capacities of the Veenhuis 22 ton (20,000 kg) side dump trailer along with the JVSK 23.000 Mega 25.36 ton (23,000 kg) rear dump trailer.

Beyond sheer capacity, the Veenhuis road train offers several advantages compared to a straight quad-axle trailer:

- When field conditions are wet and muddy, the two trailers can instantly be separated and operated as single units. This maintains the same trailer capacities regardless of weather conditions and greatly reduces the risk of getting stuck or running half loads.
- Riding on large 30.5-inch tires, Veenhuis trailers provide low ground pressure, roll easier over soft ground and provide a higher angle-of-attack for overcoming obstacles and potholes.
- The extra pivot point of the second trailer allows a smoother and sharper turning radius with less tire scuffing.
- Operating two smaller trailers also provides greater resale value, easier storage and multi-purpose opportunities where large capacities are not required.





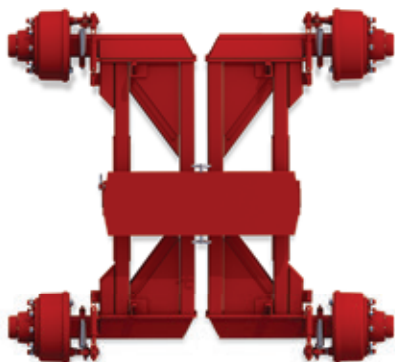
# JVZK

## SEVERE DUTY

CONSTRUCTION // GRAVEL // ROCK

**|| Veenhuis gravel trailers are built very well and are next to NO maintenance. Competition trailers just don't compare. They are the Cadillac of trailers, my customers will say. ||**

*Ken Krantz, Krantz Construction Ltd.,  
Stratford, ON*



**HARDOX®**  
WEAR PLATE

### Suspension

- **JVZK 19-23:**  
Double-beam tandem walking axle with eccentric centre pivot
- **JVZK 32-36:**  
Hydraulic HD axle suspension, Hydraulic forced steering on front & back axles

### STANDARD FEATURES

#### Running Gear

- 10-Bolt wheel hubs with oversized bearings
- Commercial truck hydraulic drum brakes on all wheels
- High-speed rims up to 65km/h

#### Dump Body

- 6mm thick Hardox® 400 wear plate floor and sidewalls
- Steel bead blasted frame, body and components
- Double coats of primer and paint for long-lasting finish
- Friction reducing tapered box
- Rear LED signal lights
- High clearance hydraulic tailgate
- Single-sheet profiled sidewalls

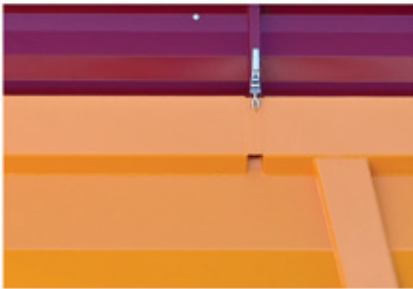
- Dual-axis lift hoist
- Double acting manual pump hydraulic jack stand
- Torsion tube
- Rubber mounted suspension drawbar
- Machined rotating safety hitch

\*All dimensions in drawing are OUTSIDE BOX dimensions



| Model      | Load Capacity          | INSIDE BOX Dimensions (L x W x H) with 18" / 45 cm extensions | Total Water Volume                  | Hoist Volume           | Axle Setup                       |
|------------|------------------------|---------------------------------------------------------------|-------------------------------------|------------------------|----------------------------------|
| JVZK 19000 | 19,000 kg<br>21 US ton | 450 x 230 x 90 cm<br>14'8" x 7'5" x 3'                        | 9.3 m <sup>3</sup><br>12.2 cu yd    | 24 ltr<br>6.3 US gal   | Tandem Walking Beam              |
| JVZK 23000 | 23,000 kg<br>25 US ton | 525 x 230 x 100 cm<br>17'2" x 7'5" x 3'3"                     | 12.08 m <sup>3</sup><br>15.8 cu yd  | 24 ltr<br>6.3 US gal   | Tandem Walking Beam              |
| JVZK 30000 | 30,000 kg<br>33 US ton | 650 x 250 x 100 cm<br>21'3" x 8'2" x 3'3"                     | 16.25 m <sup>3</sup><br>21.25 cu yd | 67 ltr<br>17.7 US gal  | Hydraulic HD Suspending Tri-Axle |
| JVZK 36000 | 36,000 kg<br>40 US ton | 670 x 250 x 120 cm<br>22' x 8'2" x 3'9"                       | 20.1 m <sup>3</sup><br>26.3 cu yd   | 85 ltr<br>22.45 US gal | Hydraulic HD Suspending Tri-Axle |

\* 1 Ton=907.2Kg or Short Ton Volume



SIDEWALL EXTENSIONS



NA COUPLING EYE FOR EITHER 1.5" OR 2" DRAW PIN (Interchangeable)



K80 BALL COUPLING EYE



COMBI BRAKES: AIR & HYDRAULIC



HYDRAULIC REAR FORCED AXLE



PTO DRIVEN HYDRAULIC PUMP



HYDRAULIC TONGUE SUSPENSION



GRAIN DOOR (OPTIONAL)

**HARDOX®**  
WEAR PLATE

HARDOX® 400 WEAR PLATE FLOOR



# JVK

GENERAL PURPOSE

AGRICULTURE // SUGARBEETS // POTATOES

**|| We have a large dairy herd that we are always expanding. I have not found another trailer in the U.S like Veenhuis that is pulled with a tractor. These trailers are built strong, pull easy and look good. ||**

*John Ver Haar*

## STANDARD FEATURES

### Running Gear

- 10-Bolt wheel hubs with oversized bearings
- Commercial truck hydraulic drum brakes on all wheels
- High-speed rims up to 65km/h

### Dump Body

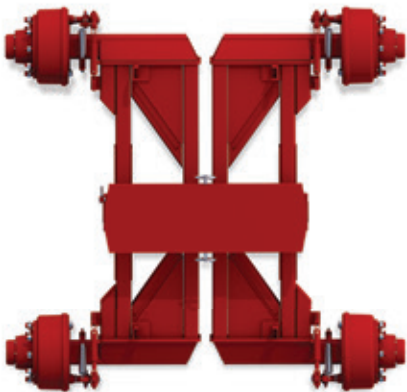
- 5mm thick Hardox® floor
- 4mm thick Hardox® sidewalls
- Torsion tube (above 20 tons)
- Steel bead blasted frame, body and components
- Double coats of primer and paint for long-lasting finish
- Friction reducing tapered box
- Rear LED signal lights
- High clearance hydraulic tailgate
- Single-sheet profiled sidewalls
- Grain door
- Front ladder

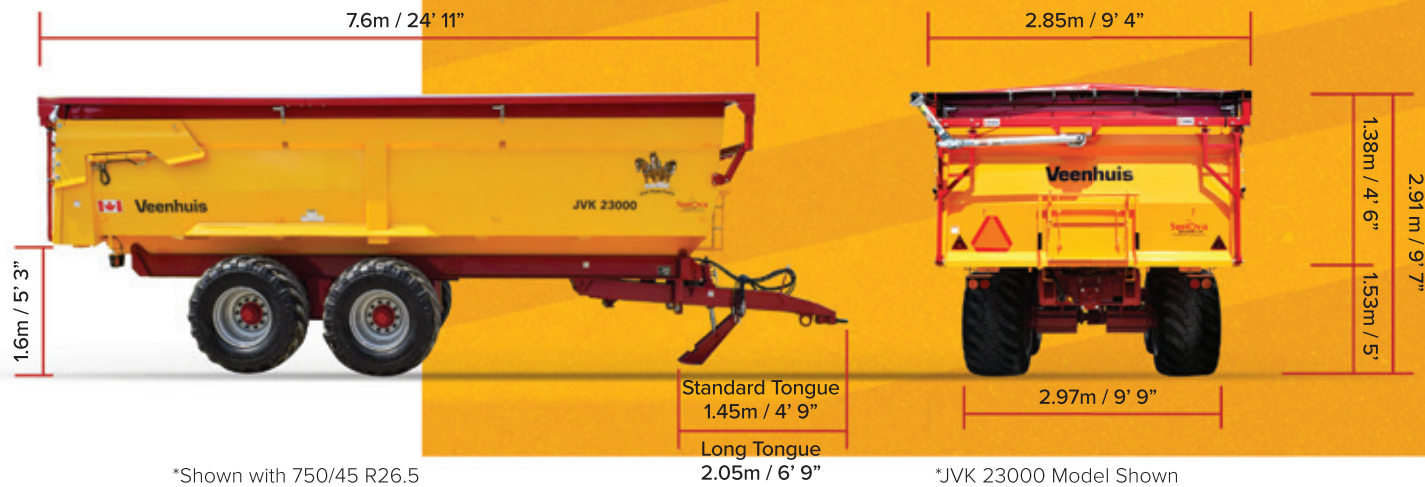
### Frame

- Dual-axis lift hoist
- Double acting manual pump hydraulic jack stand
- Torsion tube
- Rubber mounted suspension drawbar
- Machined rotating safety hitch

### Suspension

- **JVK 13-23:**  
Double-beam tandem walking axle with eccentric centre pivot
- **JVK 30:**  
Hydraulic HD axle suspension, Hydraulic forced steering on front & back axles





\*Shown with 750/45 R26.5

Standard Tongue  
1.45m / 4' 9"  
Long Tongue  
2.05m / 6' 9"

\*JVK 23000 Model Shown

| Model                        | Load Capacity            | INSIDE BOX Dimensions (L x W x H)          | Total Water Volume                | Hoist Volume           | Axle Setup                          |
|------------------------------|--------------------------|--------------------------------------------|-----------------------------------|------------------------|-------------------------------------|
| JVK 13000                    | 13,000 kg<br>14.3 US ton | 550 x 220 x 110 cm<br>18' x 7'2" x 3'6"    | 13.31 m <sup>3</sup><br>470 cu ft | 24 ltr<br>6.3 US gal   | Tandem<br>Walking Beam              |
| JVK 16000                    | 16,000 kg<br>17.6 US ton | 600 x 220 x 130 cm<br>19'6" x 7'2" x 4'3"  | 17.2 m <sup>3</sup><br>607 cu ft  | 31 ltr<br>8.2 US gal   | Tandem<br>Walking Beam              |
| JVK 18000                    | 18,000 kg<br>19.8 US ton | 650 x 240 x 130 cm<br>21'4" x 7'8" x 4'3"  | 20.3 m <sup>3</sup><br>717 cu ft  | 33 ltr<br>8.7 US gal   | Tandem<br>Walking Beam              |
| JVK 19000                    | 19,000 kg<br>21 US ton   | 700 x 240 x 130 cm<br>23' x 7'8" x 4'3"    | 21.8 m <sup>3</sup><br>770 cu ft  | 36 ltr<br>9.5 US gal   | Tandem<br>Walking Beam              |
| JVK 20000                    | 20,000 kg<br>22 US ton   | 750 x 240 x 130 cm<br>24'7" x 7'8" x 4'3"  | 23.4 m <sup>3</sup><br>826 cu ft  | 36 ltr<br>9.5 US gal   | Tandem<br>Walking Beam              |
| JVK 23000                    | 23,000 kg<br>25.3 US ton | 750 x 270 x 130 cm<br>24'7" x 8'10" x 4'3" | 26.3 m <sup>3</sup><br>929 cu ft  | 46 ltr<br>12.15 US gal | Tandem<br>Walking Beam              |
| JVK 23000<br><b>XXL Mega</b> | 23,000 kg<br>25.3 US ton | 800 x 270 x 130 cm<br>26'3" x 8'10" x 4'3" | 28 m <sup>3</sup><br>989 cu ft    | 51 ltr<br>13.5 US gal  | Tandem<br>Walking Beam              |
| JVK 25000                    | 25,000 kg<br>27.5 US ton | 800 x 260 x 130 cm<br>26'3" x 8'6" x 4'3"  | 27.04 m <sup>3</sup><br>955 cu ft | 67 ltr<br>17.7 US gal  | Hydraulic HD<br>Suspending Tri-Axle |
| JVK 30000                    | 30,000 kg<br>33 US ton   | 850 x 260 x 130 cm<br>27'11" x 8'6" x 4'3" | 28.7 m <sup>3</sup><br>1014 cu ft | 76 ltr<br>20.1 US gal  | Hydraulic HD<br>Suspending Tri-Axle |
| JVK 36000                    | 36,000 kg<br>39.6 US ton | 900 x 260 x 130 cm<br>29'6" x 8'6" x 4'3"  | 30.4 m <sup>3</sup><br>1074 cu ft | 96 ltr<br>25.4 US gal  | Hydraulic HD<br>Suspending Tri-Axle |

\* 1 Ton=907.2Kg or Short Ton Volume



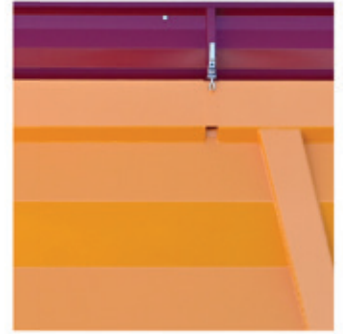
# JVK OPTIONS



HYDRAULIC SLIDING FRONT GRILL PLATE



NA COUPLING EYE



SIDEWALL EXTENSIONS



COMBI BRAKES: AIR & HYDRAULIC



HYDRAULIC REAR FORCED AXLE



LONG TONGUE - 81"



K80 BALL COUPLING EYE



ROLL TARP TO COVER LOAD



**BKT FL 630 Super**  
Tire Size: 750/45 R 26.5  
L-S Index: 170 D



**BKT FL 630 Ultra**  
Tire Size: 800/45 R 26.5  
L-S Index: 174 D

## Dealer

## Distributor

Sunova Implement Ltd.  
196679 19th Line R.R.#1 Lakeside,  
Ontario NOM 2G0

Toll Free: (888) 647-8026  
Phone: (519) 349-2075  
Email: sales@sunova.ca