

410 412 414 420 440 Compromise is for the Competition

DAKOTA :



**Overall Dimensions:** 

Height 50 inches

Weight: 920 Lb.

Powder Coat Paint

Welded Heavy Duty A-Frame Construction.

**Options:** 

speed from the vehicle mounted control panel with speed gauges]

2 Throw discs (24 inch diameter, 6 adjustable paddles per disc.)

Electric Over Hydraulic Machine (controls belt and spinner

Manual Hydraulic Machine (valves on the side of the machine

to control the belt and spinner speed] with vehicle mounted

2 Ultra Trac Turf Tires. 26.5x14x12

2 hydraulic motors, 1 per spinner-disc Spreading width 12-40 foot variable

AKOTA

Spreading application (extremely fine to very heavy)

Capable of spreading a large variety of materials

Hopper:

Frame:

Tires:

**Controls:** 

Jack Stand

on/off switches

Quick Change

**Optional Spinners:** 

Electric Start 1.72 US Gal. Fuel tank.

**Optional Power Unit:** 

Honda 11hp Engine

Black spinners (Fertilizer)

Max. Pressure 2500 psi

Max. Flow 7.26 gpm

**Optional Rear Conveyor** 

Reservoir size 6.75 gal

Green Spinners (Grass seed)

**Dual Spinner System:** 

## **410 Features**

#### 410 Turf Tender Pull Type 410 Turf Tender Mounted Pull Unit Requirements: Models: Mounted Requires 3-7 GPM. Oil flow without optional power unit Mounts on John Deere ProGator™ or Toro Workman<sup>™</sup> Overall Length 144 inches **Requirements:** Overall Width 60 inches John Deere™ PTO Hydraulic kit required on John Deere ProGator™ DAKOTA Auxiliary hydraulic kit required on Toro Weight 1240 Lb. (with optional power unit) Workman™ on models older then 2001, 2002 and newer requires Toro High Flow hydraulics Capacity 23 cu Ft. (.65 m³) level, 27 cu Ft. (.76m³) heaped **Overall Dimensions:** Trackless 18 inch PVC Belt [crescent style] Rear Door adjusted from 0-7 inches. Overall length 103 inches Overall Width 60 inches Height 54 inches Hopper Length 76 inches Weight 780 lbs. with sub-frame Hopper:

OAKOTA ....

Capacity 23 cu. Ft. [.65m<sup>3</sup>] level 27 cu Ft. [.76m<sup>3</sup>] heaped (Note: Do not exceed recommended vehicle load rating for John Deere ProGator™ or Toro Workman<sup>™</sup>] Trackless 18 inch PVC Belt (crescent style) Rear Door adjusted from 0-7 inches. Powder Coat Paint

Hopper Length 76 inches

Frame:

Welded Heavy duty sub-frame

Mounts using existing cylinder and box mount

#### **Options:**

Controls: Electric Over Hydraulic Machine (controls belt and spinner speed from the vehicle mounted control panel with speed gauges]

Manual Hydraulic Machine (valves on the side of the machine to control the belt and spinner speed) with vehicle mounted on/off switches

#### **Dual Spinner System:**

2 Throw discs [24 inch diameter, 6 adjustable paddles per disc.)

Quick Change

2 hydraulic motors, 1 per spinner-disc.

Spreading width 12-40 foot variable.

Spreading Application is adjustable (extremely fine to very heavy]

Capable of spreading a large variety of materials. **Optional Spinners:** 

Black Spinners (Fertilizer)

Green Spinners (Grass Seed) **Optional Parking Stand:** Easy on/off using 4 legs

Rear legs are jack stands **Optional Rear Conveyor** 

### **Optional parking** stands for easy removal and storage of mounted units.

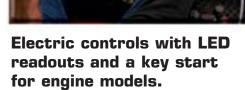






Improved wiper system prevents leaking.

Optional rear conveyor. Fits all 410 models.



DAKOTA R



Pull-types available with 11 horsepower Honda engine.



Available 2 valve manual controls.



Fully adjustable spinners allow even spread for many different materials.

# 412 & 414 Features

Frame:	Hopper:		
Heavy Duty A-Frame Construction	Trackless 18 inch PVC Belt (Crescent Style)		
Side-to-Side Walking Axles	Powder Coat Paint		
Jack Stand	Capacity	412	414
Controls:		2.00 cu yds	4.2 cu yds
Electric Over Hydraulic Machine (controls belt and		(1.53 m <sup>3</sup> ) level	(3.21 m <sup>3</sup> ) level
spinner speed from the vehicle mounted control panel		2.38 cu yds	5.0 cu yds
with speed gauges)		(1.82 m <sup>3</sup> ) heaped	(3.82 m <sup>3</sup> ) heaped
Manual Hydraulic Machine (valves on the side of the			
machine to control the belt and spinner speed) with	Hopper Length	76 inches	100 inches
vehicle mounted on/off switches			
Hydraulic System:	Tires:	26.5x14x12	33x16x16.1
2500 PSI or 138 BAR MAX		Ultra Trac	DAKOTA Turf Tire
1 Bank, 2 Lines		Turf Tire	33x20x16.1
Maximum Transport Speed:			DAKOTA Turf Tire
Empty: 15 mph or 24 kph			
Loaded: Dependent on terrain conditions	Tractor Requirer		
for safe operation	Horsepower	Minimum 25 hp	Minimum 40 hp
Hopper Door:	Hydraulics	7-11 GPM	7-11 GPM
Manual Rear Metering Gate			
Dual Spinner System:	Overall Dimensions:		
2 Throw Discs [24 inch diameter, 6 adjustable paddles per disc]	Height	67 inches	79 inches
Quick Change	Length	144 inches	188 inches
2 Hydraulic Motors, 1 per spinner disc	width	81 inches	96/102 inches
Spreading width, 12 - 40 foot variable			
Spreading Application is adjustable (extremely fine	Shipping Weight:		
to very heavy]		1,825 lbs or	3,000 lbs or
Capable of spreading a large variety of materials		827 Kg	1361 Kg
Optional Spinners:			
Black Spinners (Fertilizer)	Maximum Weigh	t:	
Green Spinners (Grass seed)		7,825 lbs or	13,000 lbs or
Options:		3549 Kg GVW	5,897 Kg GVW
Vibrator			





DAKOTA walking beam axles have the lightest footprint in the industry.



Spread light to heavy, wet or dry.



Single or dual vibrator options.

412/414 were designed for sports fields and fairways. All features of our 410 with the size and floatation of our 420/440.



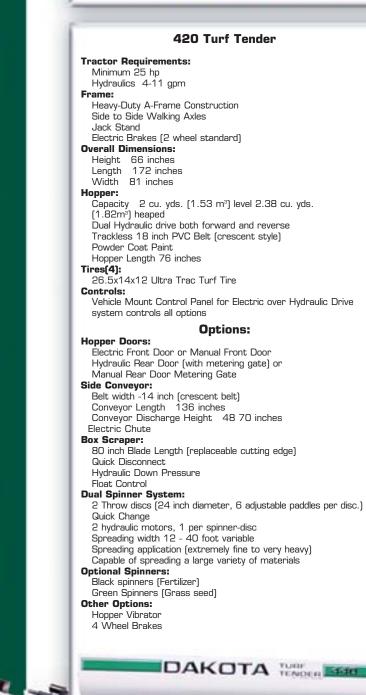
New digital readouts take the guesswork out of settings.



DAKOTA TENDER



## 420 & 440 Features



440 Turf Tender **Tractor Requirements:** Minimum 40 hp Hydraulics 4-11 gpm Frame: Heavy-Duty A-Frame Construction Side to Side Walking Axles Jack Stand Electric Brakes (2 wheel standard) **Overall Dimensions:** Height 79 inches Length 192 inches Width 96/102 inches Hopper: Capacity 4.2 cu. yds. (3.21 m3) level, 5cu. yds. [3.82 m<sup>3</sup>] heaped Dual Hydraulic drive both forward and reverse Trackless 18 inch PVC Belt (crescent style) Powder Coat Paint Hopper Length 100 inches Tires(4): 33x16x16.1 DAKOTA Turf Tire 33x20x16.1 **DAKOTA** Turf Tire (optional) **Controls:** Vehicle Mount Control Panel for Electric over Hydraulic Drive system controls all options **Options:** Hopper Doors: Electric Front Door or Manual Front Door Hydraulic Rear Door (with metering gate) or Manual Rear Door Metering Gate Side Conveyor: Belt width 14 inch (crescent belt) Conveyor Length 156 inches Conveyor Discharge Height 55 80 inches Electric Chute Box Scraper: 80 inch Blade Length (replaceable cutting edge) Quick Disconnect Hydraulic Down Pressure Float Control **Dual Spinner System:** 2 Throw discs (24 inch diameter, 6 adjustable paddles per disc.) Quick Change 2 hydraulic motors, 1 per spinner-disc Spreading width 12-40 foot variable Spreading application (extremely fine to very heavy) Capable of spreading a large variety of materials **Optional Spinners:** Black spinners (Fertilizer) Green Spinners (Grass seed) Other Options: Hopper Vibrator 4 Wheel Brakes

Hydraulic Load Braker

The most versatile material handler in the world.

Place material anywhere, spread anything, even repair your cart paths & driving ranges without damaging your turf.

Large area topdresser.



Single or dual vibrator option.



Electric operated chute.

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Constant Conginger Marine



DAKOTA walking beam axles have the lightest footprint in the industry.



Optional Floating box blade.

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