



Super Star Diesel Model 43-500 Specifications

CONFIGURATION	A three (3) wheel diesel engine powered machine designed for grooming, conditioning, renovating and construction on golf course and sports turf facilities. Unit shall be hydrostatic three (3) wheel drive with the ability to operate in two (2) wheel drive.
POWER	18.8HP (14 kW) Kubota model D722 three (3) cylinder, liquid cooled diesel engine Tier 4 Emissions Compliant Full pressure lubrication with replaceable oil filter Remote mounted cyclonic air intake filtration system
DRIVE	Belt driven hydraulic pump driving two hydraulic motors on rear wheels and one hydraulic motor on front wheel. Parallel traction hydraulic drive system with electric two (2) – three (3) wheel drive selector valve standard. Hydraulic oil system cooler with engine driven air flow.
SPEED	Infinitely variable from 0 – 12 mph (20 kph) forward, 0 - 5 mph (8 kph) reverse
BRAKING	Dynamic braking through the hydrostatic transmission Hand operated, disc type park/emergency brake on rear wheel
LIGHTS	Halogen work lights.
CONSTRUCTION	Heavy gauge steel tubing, hydraulically formed, electrically welded.
TIRES/WHEELS	Purchasers option of: Three (3) 22 x 11 x 10 knobbed sand tires or three (3) 23 – 10.5 x 12 turf tread tires
STEERING	Hydraulic power steering, 15" (38 cm) diameter automotive type, adjustable tilt steering wheel.
CONTROLS	Foot pedal for forward / reverse drive system operation. "Pro-Pedal" system connects engine throttle RPM to hydraulic demand - i.e. engine RPM increases as hydraulic system demand increases. "Speed Boss" adjustable speed control system on hydrostatic transmission engaged from rear implement lift / lower. Hydraulic control lift / lower to rear mounted and center mounted implements. Marine grade hand throttle.
SEAT	One piece molded, low back adjustable deluxe seat
ELECTRICAL	12 volt system, side mounted Ignition switch, operator presence seat switch, engine hour meter. Warning lights for engine start pre-heat and water temperature.
SOUND LEVEL	94dB(A) under normal operating conditions
DIMENSIONS	Length - 68 in (170 cm) Width - 60 in (150 cm) Height - 50 in (120 cm); Wheelbase: 44 in (110 cm) Ground Clearance: 9" (23 cm) – with mid-mounted attachment
WEIGHT	1020 lbs (508 kg)
LIQUID CAPACITIES	Diesel Fuel - 5 gallons (19 liter) in high density nylon low-perm tank No.1-D or No. 2-D, S500: Low Sulfur Diesel (LSD) less than 500 ppm or 0.05 wt.% No1-D or No.2-D, S15: Ultra Low Sulfur Diesel (ULSD) less than 15 ppm or 0.0015 wt.% Hydraulic system oil - 5 gallons (19 liter) in high density polyethylene tank
SAFETY & CONFORMANCE	Complies with all ANSI, OSHA and European Machinery Directive standards.

OPTIONS

42-800 Roll over protection device (ROPS) and seat belt.
42-837 Lights for ROPS

IMPLEMENT ATTACHMENTS for grooming, conditioning, renovation & construction:**Golf Course Bunker Rakes****SHIP WEIGHT****Rear Mounted Implements**

13-298Q	Fan Rake for Sand Traps	36
13-319	Fan Rake Add on for 13-438 Rake	20
13-438Q	Classic Steel Bunker Rake	66
13-684	Brush Attachment for all rakes except 42-130	20
13-740	Brush Attachment for 42-130	20
13-758	Max-Flex Rake	66
34-191	Box Grader	273
42-130Q	84" (213 cm) Mild Steel Tournament Rake	85
42-132Q	72" (189 cm) Mild Steel Tournament Rake	75
42-392Q	84" (213 cm) Tournament Rake with Flex-Brush Raking System	100
42-391Q	72" (189 cm) Tournament Rake with Flex-Brush Raking System	90
41-501	Typhoon Pumping System	480
43-010	Engine powered Leaf & Debris Blower	180
41-502	EarthWay® Spreader	50

Center Mounted Implements

42-008	Sand Cultivator	20
42-223	Adjustable Disc Edger	30
42-750	Cart Path/Sidewalk Edger	30
42-340	Sand Cultivator w/Spring Tine Teeth	20
43-130	Weed Cultivator w/ Feet	25

Front Mounted Implements

42-011	40" (102 cm) Front Mounted Plow (aluminum blade)	65
43-003	40" (102 cm) Hydraulic Plow	70
42-460	40" (102 cm) Adjustable Angle Plow	85
42-136	60" (155 cm) Front Mounted Manual Plow	75
42-490	60" (155 cm) Adjustable Angle manual Plow	100

GREEN STAR**ROLLER-BRUSH-SPIKER SYSTEM**

42-550Q	Green Star Total RBS System <i>Complete Roller, Brush and Spiker & mounting frame</i>	285
42-586Q	Green Star RBS Main Frame only <i>Mounting frame</i>	50
42-581	Green Star Roller Set (3) only (Requires 42-586Q Main Frame Assembly)	85
42-585	Green Star Brush Set (3) only (Requires 42-586Q Main Frame Assembly)	20
42-582	Green Star Spiker Set (3) only (Requires 42-586Q Main Frame Assembly)	130