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Equipment Specifications

Ref: Quote # 12229-TGG

LAKE ELMO

MODEL: 106 EDGE-RS

DIMENSIONS:

10'6" long x 96" wide O.D.

FRONT PANEL:

46" high, 7ga Stainless Steel const, reinforced top rail with inclined mount & rubber flap seal.

SIDES: (Struck)

36" high, 7ga Stainless Steel panels, 18" radius corners, fully boxed top rails, w/inv angles full length, Board pockets front and rear/DELETED, full depth 7 ga Stainless Steel rear corner posts, dual 2-line sander manifold(s) @ RH & LH REAR corner post, Removable 3-1/2" Bustin (Painted Carbon Steel) walk rail full length both sides, TMTE "FLIP-A-Way" Stainless Steel access ladder - LH REAR, with interior step & upper grab handle.

TAILGATE:

36" high, 3/16" HARDOX-450 Interior main panel, 10 ga Stainless Steel outer reinforcing, 3 panel design, 1-1/4" dia bottom pins, 1" thick upper hinges w/bushings & 1-3/4" dia pins, Lever top-pin release system, 3/8" alloy spreader chains, steel latches, airtrip ready linkage. (See also "SANDER" for flow plates type)

FLOOR:

1/4" HARDOX-450 steel.

UNDERSTRUCTURE:

W8" x 13.0#/ft struct (I-BEAM) longsills, w/8" rear bolster.

PREP/PAINT:

Exterior Acid Washed and left in Stainless Mill Finish. Underside & Carbon Steel parts blasted, Seam-Sealed, Urethane primed and painted w/Gloss black Polyurethane.

LIGHTS/WIRE: (D-Housings)

FMVSS 108 compliant, rubber mounted LED clearance lights, LED Cluster of 3, w/Factory sealed wire harness, Ground strap, Stainless Steel STROBE/ STOP-TAIL-TURN /BACKUP light provisions in corner posts (see D.O.T. Warning Light System below).

MUD FLAPS:

Rear of rear tires, attached to mounts. (SEE ALSO FENDERS)

CABSHIELD: (Stationary)

1/2 type, 24" Stainless steel cabshield Canopy, Stationary "Free-Standing" style, Hot-Dipped Galvanized frame, w/2vert shovel holders, Adj tubing strobe brkts, reservoir mounting brkts, & Full window, Installed. Canopy Acid Washed/blasted, primed, and painted]. (SEE ALSO STROBE SYSTEM)

HOIST:

Omaha Standard-Palfinger Model: 720DH Overhang: (see truck layout form), Dump angle: 50°, Double acting, W/solid block rear hinge point & OSHA approved safety prop.

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PUMP:

Front frame mounted, Engine crank-shaft driven, LS type. Make: Force America Model: FASD34L, 4.67, Including an H.P. ball valve on pressure outlet.

VALVE:

Make: Force America Model: Add-A-Fold MCV-ISO, 9 function, LS type. Providing control for: Box Hoist, Plow Lift, Plow Angle, Wing Toe, Wing Heel, Wing Push-Bar, Scraper Lift, Auger, & Spinner, Including Relief on ON HOIST, Float on PLOW, Wing-Loc valve on wing heel (by Falls)] & external valve Enclosure.

SANDER VALVE/CONTROL: (Integrated)

Force America model SSC-6100 w/auger reverse ground-based closed loop electronic control] Internally mounted in main control console.

CONTROLS: (Electronic)

Force ULTRA- 4 type remote electronic controls, Adjustable Arm-mounted off of the driver's seat. (Note: Control will move up and down with air seat)

RESERVOIR & FILTRATION: (Cabshield)

30 gal Stainless Steel, cabshield mounted w/sight-level gauge, filler-breather, magnetic drain plug, 100 mesh suction screen, gate type shut off valve, & quick drain valve with remote hose. 12 volt DC Low oil indicator system included. Return line type, IN-TANK mounted - hydraulic oil filter w/replaceable element, & 12 volt condition indicator installed, Filled with DEXRON III hydraulic oil.

PLUMBING:

2" suction line, 1" main pressure line, 1-1/4" return line, balance to match component port sizing requirements. All swivel fittings are 37° JIC or dry-seal type.

TOOL BOX:

18" x 18" x 24" long, aluminum construction, with diamond plate door, Twist handle latch & weather seal, installed on LH frame rail, with angle-iron mounts.

CAMERA SYSTEM:

Brigade Electronics model VBV-750-BM-010 camera system (max 3 inputs), including 7" LCD color screen (in cab), infrared "night vision" camera, & all cables, Installed complete for Wing operation/Reverse viewing.

FENDERS:

MINIMIZER model: MIN2260 black poly fender set, w/bolt-on frame brackets, Installed.

VIBRATOR:

Cougar model: DC-3200 12 volt D.C., Installed on Front center underside of body, w/Switch mounted in cab (See CAB LAYOUT Drawing)

TAILGATE TRIP:

3-1/2" x 10" air cylinder, Solenoid air valve, w/piping and fittings, & installed

ROADWATCH:

RWSS ROAD WATCH system installed with Force America cable hooked up to 6100 Salter control.

REAR HITCH: Pintle Height 24"

3/4" Steel pull plate w/bracing to truck frame, Safety chain D-rings, Premier 370 air-cushion Pintle hook, with Transfer of 7 round female electrical socket, & Transfer of air glad-hand connections to rear plate.

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D.O.T. WARNING LIGHT SYS: (w/Wing TIR)

TMTE-1-5 (custom built by Whelen) warning light system, consisting of: (2) 23H 3-light LED Micro-Edges, (2) 5M-400 Linear Super-LEDs, (2) Side TIR3 LEDs, 400 Max B-T-T LEDs, & (2) 400 L.E.D. Backup Lights, in Stainless Steel Housings. System also includes (1) LED Wing Plow light, and (2) 4" dia LED work lights (sander & wing). Installed complete with cables, & switches in cab. Note: Separate switching of Micros, Rear Body Lights, & Wing Warning Light

SNOWPLOW LIGHTS:

Combo HOH headlight w/turn signal, Mirror mounted on Std Alum brackets, w/OEM Selector switch dash mounted.

UNDERBLADE: (SDL App)

Falls model IB-11A Fixed angle 11', RH discharge, **set forward of standard location**, 1" thick moldboard, all mtg hdwe & plbg, w/Pressure gauge cab mounted. Nitrogen accumulator cushion & auto reset w/External adj pressure reducing/relief valve included. Blade auto lift in reverse system provided and installed

SNOWPLOW:

Falls Model PR1243 SPRING TRIP Power Reversible Straight Moldboard snowplow, complete with all std equip, SPRING Trip Mechanism, Rubber Snow Flap, End Markers & plow push unit for Falls X4 PIN AND LOOP hitch system. Painted Falls std Gloss Black paint color. Shipped loose in dump body.

PLOW HITCH:

Falls Model 44XB2 PIN AND LOOP heavy duty hitch system, complete with all std features, all mtg hdwe, wing post provision, Std plbg, S.A. lift cylinder, & Spring Return. Installed and painted gloss black.

SNOW WING:

Falls Model SDL9RL REAR LIFT All Hydraulic Patrol Style snow wing, Scraper Discharge mounted, complete with all std features, Nitro-Cush Hyd Pushbar, all mtg hdwe & Std plbg, installed complete, and Moldboard painted Falls std "BLACK" paint color.

SANDER: (Salt Special)

Falls Model #1ASD-6CDLMSS Salt Special Stainless Steel under-gate sander, 6" dia, 6" pitch 3" inner tube auger, External-Removable, STAINLESS Steel side spill plates, LH poly spinner ass'y, Extra "anti-Salt" plate, plbg, Std couplers, & mtg hardware, Installed. NOTE: Plumbing connections at RH & LH Cornerpost Manifolds.

PRE-WET SYSTEM:

Varitech/Force model LDS-TMR110 EGF-ON/OFF gravity feed; pre-wet system, complete with mounting brackets, & piping Fitted to body Sides, and Installed with all wiring & lines. Manual ON-OFF over-ride switch mounted in cab

WARRANTY:

24 Months (from In-Service/Invoice Date), on all components, equipment, and services sold by and installed by **TOWMASTER** (or its assigned subcontractors). This includes: Dump Body, Hoist, Hydraulic System, Controls, Lighting, & Snow Fighting Equipment. Whelen All L.E.D. light systems carry 5 yr unconditional warranty, with the exception for breakage or water damage due to breakage.

Specifications Accepted by: _____ Date: _____

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