



STEWART & STEVENSON POWER, INC. **RSS 1250 (CABOVER) REAR DISCHARGE** **ROTARY SNOWBLOWER**

EQUIPMENT SPECIFICATIONS

CARRIER VEHICLE

PURPOSE-BUILT, COMPACT DESIGN

CHASSIS:

WHEELBASE- 102 in [2591 mm]
WELDED CONSTRUCTION RECTANGLE TUBE
PINTLE HOOK AT REAR
REAR BUMPER: WRAP AROUND STEEL CONSTRUCTION

AXLE FRONT:

ROCKWELL- PLANETARY DRIVE STEERING
BRAKES- HYDRAULIC
TORQUE PROPORTIONING

AXLE REAR:

ROCKWELL- PLANETARY DRIVE **NON** STEERING
BRAKES- HYDRAULIC
TORQUE PROPORTIONING

SUSPENSION FRONT/REAR:

LEAF SPRINGS, HEAVY DUTY

STEERING:

TWO WHEEL (FRONT) STEERING (4-WHEEL STEER OPTIONAL)
FULL POWER HYDRAULIC
TURNING RADIUS, FRONT STEERING 28.6 ft [8.7 m]
TURNING RADIUS, 4-WHEEL STEERING 19.9 ft [6.06 m]

TIRES AND WHEELS:

MICHELIN 20 PLY RADIAL; ALL TERRAIN
HEAVY DUTY STEEL DISK WHEELS
SPARE TIRE AND WHEEL, (LOOSE)

TRANSFER CASE:

2-SPEED DROP BOX
HYDROSTATIC DRIVEN

CHASSIS CONTROL:

FORWARD DRIVE HANDLE, HYDROSTATIC DRIVE SYSTEM
2W-4W ENGAGE LEVER
HIGH-NEUTRAL-LOW SHIFT LEVER
EMERGENCY BRAKE LEVER
BREAK TREADLE VALVE
FOOT THROTTLE

ROTARY BLOWER HEAD

BLOWER HEAD CUTTER DRUMS:

DIAMETER- 49 in [1250 mm]
HELICAL TYPE WITH INDEPENDENT LEFT AND RIGHT DRUMS
CONICAL SHAPED CLOSED END DRUM DESIGN
CURB PROTECTION RINGS
CUTTER DRUM DRIVE, CENTER DRIVEN THROUGH RIGHT ANGLE
DRIVE GEAR BOX

SHEAR PIN PROTECTION

BLOWER HEAD IMPELLER:

DIAMETER- 52 in [1321 mm]
5 PADDLE, BOLT ON DESIGN
HOUSING ROTATES THROUGH 130 DEGREES;
45 DEG. LEFT, 85 DEG. RIGHT, FLAT CAST TO RIGHT
SHEAR PIN PROTECTION

BLOWER HEAD TRANSMISSION:

MULTIPLE SPEED WITH FULL TORQUE REVERSE

BLOWER HEAD CONTROLS:

JOYSTICK CONTROL IN CAB (SEAT MOUNTED)
ELECTRIC OVER HYDRAULIC FOR HEAD RAISE & LOWER
ALLISON TRANSMISSION SHIFTER

PERFORMANCE DATA:

CLEARING CAPACITY	UP TO 4000/1ph
CLEARING WIDTH	102 in [2600 mm]
CLEARING HEIGHT	68 in- 86 in [1728-2178 mm] (SINGLE PASS)
CASTING DISTANCE	30 ft-125 ft [9-38 m]
CLEARING SPEED	0.2-22 mph [0.3-35 km/h]
MAX VEHICLE SPEED	35 mph [56 km/h]

CARRIER VEHICLE DRIVE SYSTEM:

HYDROSTATIC TRANSMISSION, INFINITELY VARIABLE AND REVERSIBLE
RESTRICTION INDICATOR (FILTER)

CARRIER VEHICLE IS HYDROSTATICALLY DRIVEN

OPERATORS CAB:

STEEL TUBING FRAME

INSULATED

DUAL FRONT WIPERS W/ WASHERS

DOOR WINDOWS, MANUAL ROLL UP/DOWN

GRAB HANDLES (1 EA.) SIDE

MIRRORS- (2) POINT MOUNTING

TILTING AND TELESCOPING STEERING COLUMN W/ HORN AND SELF CANCELLING TURN SIGNALS

FRONT WINDOW VISORS

FRESH AIR HEATER/UNIT 33,000 BTU/HR (8316 kcal/h)

RUBBER FLOORMAT

SEAT BELTS- (2) POINT HIP (3 POINT SHOULDER OPTION)

SEAT DRIVERS PASSENGER

CAB INTERIOR LIGHTING:

INTERIOR WALLS COVERED WITH SOUND DEADENING MATLS

OPERATORS CAB INSTRUCTION & CONTROLS:

INSTRUMENT PANEL HINGED FOR EASY ACCESSIBILITY

CIRCUIT BREAKER PANEL

GAUGES: SPEEDOMETER, TACHOMETER, FUEL LEVEL,

HOUR METER, OIL PRESSURE, COOLANT TEMP, HYDRAULIC OIL

TEMP, HYDROSTATIC DRIVE PRESSURE, BACK LIT

ROCKER SWITCHES, BLOWER HEAD JOYSTICK CONTROLLER

ELECTRICAL SYSTEM:

12VDC STARTING

12VDC LIGHTING

160 AMP ALTERNATOR

FOUR BATTERIES, 3000 CCA MINIMUM @ 0 DEGREES

LIGHTING:

HEADLIGHTS- (2) HALOGEN, FRONT

WORKLIGHTS- (2) HALOGEN, FRONT

TURN SIGNAL LIGHTS AMBER, FRONT SIDE MOUNTED

DOT MARKER AND CLEARANCE LIGHTS

TAIL/STOP/TURN LIGHT MODULE, REAR

ENGINE HOUSING LIGHTING- (2) INTERIOR

POWER UNIT**ENGINE:**

DETROIT DIESEL 60 SERIES, DDEC III

AIR INTAKE SYSTEM:

SINGLE STAGE INTAKE- DONALDSON - INSIDE/OUTSIDE AIR

EXHAUST SYSTEM:

MUFFLER- DONALDSON

WATER COOLING SYSTEM:

RADIATOR

LOW COOLANT SHUTDOWN DDEC CONTROLLED

FAN BLADE

FUEL TANK:

CAPACITY- 275 gal [1040 L], DIESEL

DIMENSIONS:

313 in [7948 mm] OVER ALL LENGTH (APPROX)

131 in [3328 mm] OVER ALL HEIGHT (WITHOUT LOADING CHUTE)

90 in [2286 mm] OVER ALL WIDTH AT CHASSIS

102 in [2600 mm] OVER ALL WIDTH AT HEAD

UNIT WEIGHT:

31,000 lbs [14,061 kg] BASE WEIGHT (APPROX)

PAINT:

SHERWIN WILLIAMS SUNFIRE 3.5 LOW VOC ACRYLIC URETHANE

SUPPLIED COLOR CODE OR SAMPLE CHIP

OPTIONAL EQUIPMENT:

SINGLE OR DUAL TIRE CASTER WHEELS (BLOWER HEAD)

SELECTIVE STEERING: FRONT, REAR, 4-WHEEL AND CRAB

ARCTIC KIT: (EXTREME COLD CLIMATES), ENGINE BLOCK

HEATER, HYDRAULIC OIL HEATER, DIESEL FUEL HEATER,

ETHER STARTING AID, SILICONE HOSES AND INSULATED

HEATER HOSES

ESCAPE HATCH, ROOF MOUNTED

AUX. HEATER W/ REAR & SIDE WINDOW DEFROSTERS

DUAL MODE LOAD SENSING SYS. (AUTOMATIC DRIVE CONTROL)

REPLACEABLE WEAR LINER: ABRASION RESISTANT MATERIAL

HEAD TILT LEFT/RIGHT AND IMPELLER ROTATION LEFT/RIGHT

HEAD TILT FORWARD

HEAD LOCKING CONTROL (CABLE) FOR DISLOCATION

FRONT WINDOWS- (2) ELECTRICALLY HEATED

SIDE WINDOWS- (2) ELECTRICALLY HEATED

REAR WINDOWS- (2) ELECTRICALLY HEATED

AIR RECIRCULATION FANS- (2)

REAR WINDOW WIPERS

DOOR WINDOW WIPERS

BACKUP LIGHT- (1) HALOGEN, REAR (ADDITIONAL)

TIRE CHAINS

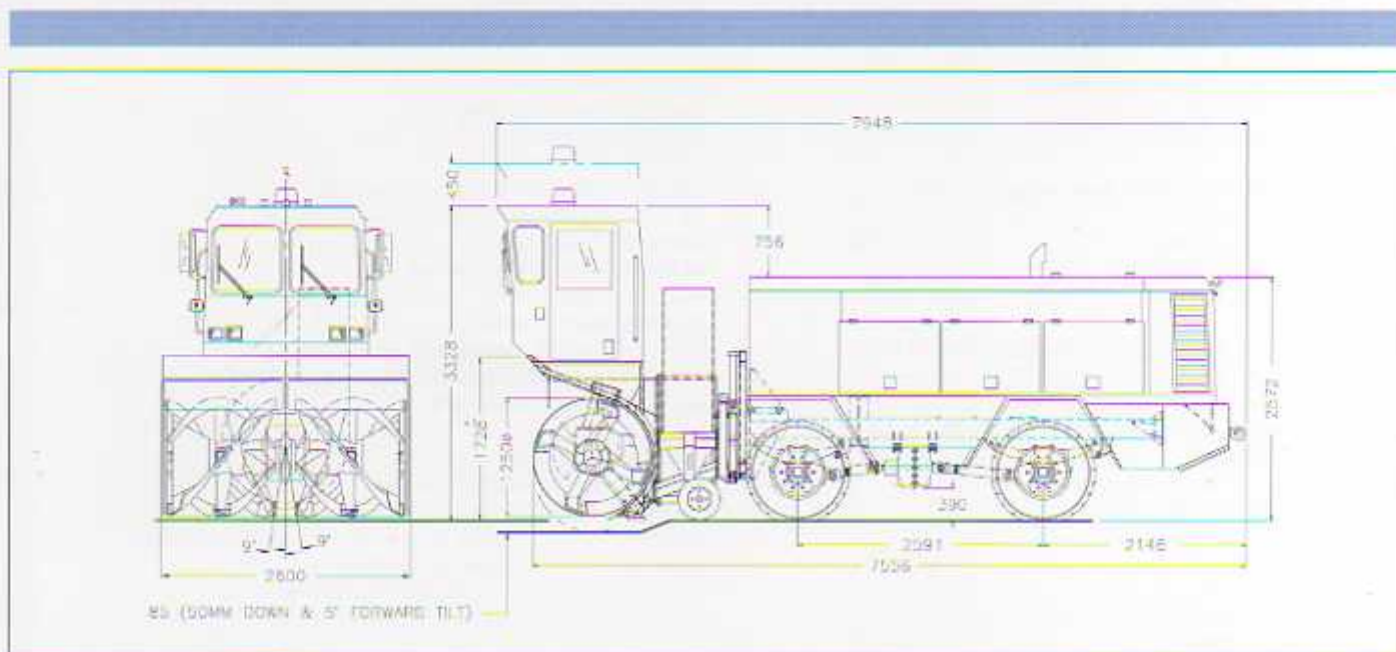
TOW CHAINS

FIRE EXTINGUISHERS

FRONT WINDOW AIR DEFROSTER SYSTEM

REAR WINDOW AIR DEFROSTER SYSTEM

DETROIT LOCKER REAR DIFFERENTIAL



All information subject to change without notice.

1250CSP

REV. 4/2/97-EC



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