



# SWINGER Model 1K

## 1500 lb. S.A.E. Lift Capacity

- Totally new design
- Self-leveling bucket
- Easy on turf
- Easy-to-use
- Powerful
- Loader & Tool Carrier
- Multi-use: opt. straight mast



Swinger with no-skid turns, excels at construction and landscape work

### Swinger 1K is a completely new design...

- 1,500 lb. S.A.E. rated lift capacity
- Rugged planetary drive axles
  - 3 point driveline reduction
  - Hydro/mechanical drive
- Independent rotation axes articulation/oscillation frame joint
- Ergonomic operator station
  - Articulated steering
  - Single lever control
  - 2-speed on-the-fly hydro shifts
- Easy-access engine compartment
  - Transverse 48 hp Cummins diesel
  - Modular engine/pump pack
- Self-leveling bucket
  - Boosts operator efficiency
  - Reduces cycle time
- Excellent visibility
  - View of bucket and load
  - Full view of operating environment



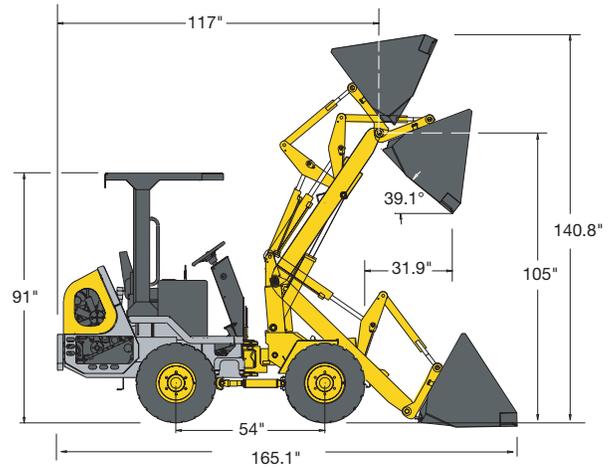
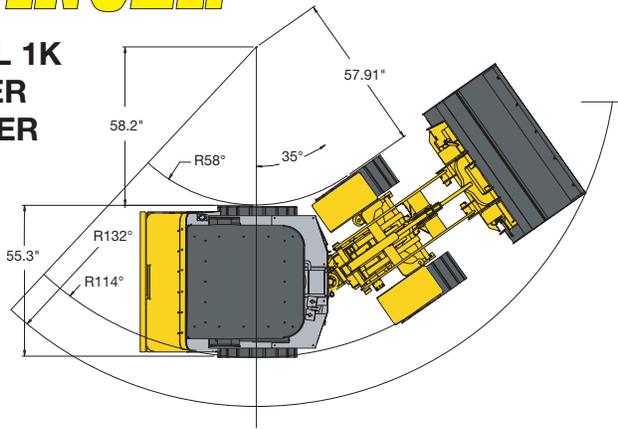
Versatile Swinger lifts, carries and levels up to 1,500 lbs.



Grapple and straight mast attachments make the 1K very versatile

# SWINGER

## MODEL 1K LOADER CARRIER



### Dimensions & Data subject to change without notice

Weight (Std).....5,600 lbs. (2540kg)  
 Max. Travel Speed, Lo, .. 5.5 mph (8.85kph)  
 Max. Travel Speed, Hi, .. 11 mph (16.9 kph)  
 Max. Draw Bar Pull.....4,060 lbs. (1842kg)  
 Max. Lift Height (Std.).....108" (2.7m)  
 Dump Height.....79" (2.0m)  
 Breakout Force.....4,000 lbs. (1814kg)  
 Operating Capacity, SAE: 1,500 lbs. (680kg)  
 Aux. Hydraulic Pressure.....2,500 Psi  
 Aux. Hydraulic Flow.....17.3 Gpm  
 Hydraulic Drive Motor Pressure....5,000 Psi  
 Articulation Angle..... ±40°  
 Rear Frame Oscillation..... ±6°

**Engine:** Cummins A2300, 4 cyl. diesel, 48 HP (net) @ 2,600 RPM.

**Drive System:** Short run hydrostatics from the engine provide power to the 2-speed shift hydraulic motor at integrated transfer case/rear axle. Heavy duty drive shaft from rear axle provides simple mechanical power to the front axle. Axles are 45% limited slip for combined traction and anti-skid turnability. Both axles feature outboard planetary reduction — places torque amplification at the wheels and reduces driveline stress.

**Steering System:** Center pivot bearings allow frame sections to articulate ±40° for steering. Rear frame oscillates ±6°. Emergency back-up steering provided should engine fail.

**Hydraulics:** Gear pump system delivers 17.3 gpm fluid flow at 2,500 psi for steering and auxiliary equipment. Suction and return filters used to maintain system cleanliness. Oil cooler located in front of radiator. Hydraulic tank capacity 8 gallons (30 liters).

**Cooling System:** 4.2 quart (4 liter) radiator coolant capacity. Engine coolant capacity 2 gal (7.5 liters). System operates at 14 psi pressure. Radiator insulated from vibration. V-belt drive water pump and fan.

**Brakes:** Hydrodynamic four wheel service brakes. Parking brake is Orscheln lever and cable system with

mechanical drum on driveline.

**Tires:** 29x12.5-15NHS Hi-floatation bar lug tread.

**Electrical:** 800 CCA battery and 70 amp alternator with internal regulator. Tractor starts only in neutral. All circuits protected with automotive fuses.

**Instrumentation and Controls:** Gauges include: voltmeter, coolant temperature, engine oil pressure, fuel level, and engine hour meter. Dual foot pedals for forward and reverse. Hand lever to set engine speed and parking brake. 14 inch diameter steering wheel for directional control has integral horn button. Joystick for control of attachments. Semi-suspension vinyl seat is adjustable forward and backward.

**Frame:** Heavy-duty precision aligned, 1-piece welded structures front and rear. Articulation/oscillation joint includes independent axis rotation for turning (articulation) and stable platform ride (oscillation). Certified FOPS/ROPS overhead guard bolted to rear frame section. Rear receiver hitch. The independent front and rear frames oscillate ±6°.

**Fuel Capacity:** 10 gallons; (38 liters).

**Corrosion Proofing:** All frame and body surfaces are shot blasted, primed and painted with weather resistant paint. Standard bolts are SAE grade 5, zinc-phosphate coated to resist corrosion.

### Standard Equipment:

Cummins 48 hp, 4 cylinder diesel  
 Hydrostatic over mechanical drive  
 Integrated axle, transfer case  
 45% limited slip differentials  
 Drive/auxiliary hydraulics  
 Glow plugs  
 Spark arresting muffler  
 Planetary reduction axles  
 Ignition key loader safety interlock  
 Universal tool carrier  
 Self leveling up & down  
 1,500 lbs. SAE lift capacity  
 Single-lever control

3-Spool hydraulic valve  
 Two speed hydraulic motor  
 Locking gas cap  
 ROPS/FOPS certified overhead guard  
 Front and rear lights  
 Rear hitch receiver  
 Adjustable driver's suspension seat  
 Seat belt  
 70 amp alternator  
 Back up alarm  
 Drum type park brake  
 Flat face hydraulic connectors  
 Gauge package  
 Engine hour meter  
 Horn  
 Steering knob  
 Manuals — operator and parts

### Optional Equipment:

All-weather cab  
 Air conditioning  
 Grapple  
 Buckets: 16, 21, 36 cu. ft.  
 Bucket cutting edge (bolt-on)  
 Bucket level indicator  
 Pallet forks, 42"  
 Hi floatation tires 29x12.5-15  
 Turf tires: 29x12.5-15  
 Straight mast, 10' w/side shift, mast tilt and 42" tines  
 Straight mast, 12' w/side shift, mast tilt and 42" tines



# SWINGER®

A Division of NMC-WOLLARD, Inc.

2021 Truax Blvd, Eau Claire, WI 54703

Phone: 800-656-6867

Phone: 715-835-3151

Fax: 715-835-6625

Email: bsteingart@nmc-wollard.com

clanggaard@nmc-wollard.com

Website: www.nmc-wollard.com

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