

**Model 1K
SuperBee®**

All terrain straight mast fork truck
Subject to change without notice



Mast has forward/backward tilt. Also moves L/R (see diagram back page). Best load visibility in the business. Skid units can't match this.



New Swinger 1K Super Bee adds many upgrades to the established #1 Beekeeper forklift.

- **New design...all new driveline**
- **48 hp Cummins diesel**
- **Planetary drive axles with limited slip for best traction**
- **2-speed hydrostat/4WD**
- **Ergonomic controls**
- **1,600 lbs. SAE lift. 10'/12' mast**
- **Converts to loader/carrier**

NEW SWINGER SUPER BEE APIARY ROUGH TERRAIN FORKLIFT

New Swinger 1K has an all new driveline — starting with a space-saving, easy-access, transverse mounted Cummins 4-cylinder diesel. The high torque-rise engine quickly delivers power to a 2-speed hydrostatic motor — allows operators to select between higher speeds and tractive effort while front and rear industrial planetary reduction axles reduce driveline stress, multiply torque and add longevity to the new Swinger Super Bee 1K.



A redesigned articulation joint now includes independent axis for oscillation and turns (see red arrows). Other new features include operator-friendly controls, new ergonomic operator station, new adjustable suspension seat, new ROPS and many upgrades that contribute to easy operation and longer life.

SUPER BEE CONVERTS TO A LOADER / TOOL CARRIER

2-in-one-machine now converts to a front-end loader/tool carrier. Loader conversion includes quick attach universal mount — accepts a variety of attachments (has auxiliary front hydraulics with 14.5 gpm flow @ 2,500 rpm).

Combine the new improvements with the historical features of Swinger (articulated steering, frame oscillation, side shift straight mast, 1,600 lbs. SAE lift, 4WD) and you know why Swinger Super Bee is the #1 fork lift for Beekeepers.



New multi-purpose SuperBee converts to a loader in about 45-minutes with bolt-on bucket and lift arms.

**ANSI
CERTIFIED**

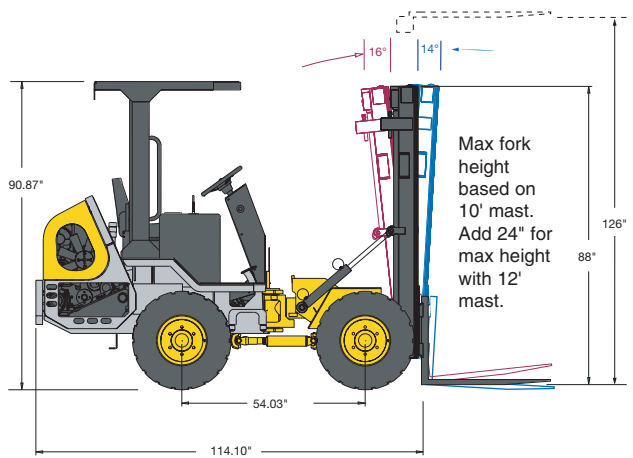
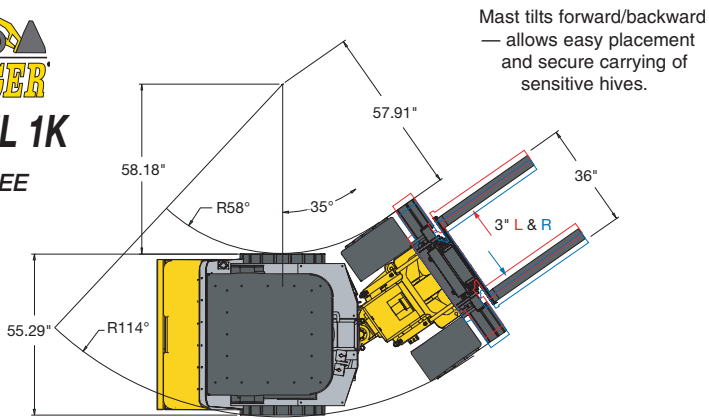
Professionally engineered — the Swinger 1K is certified to the American National Standards Institute specification for stability at rated load capacity and extension.

Made in U.S.A. by **SWINGER**





Mast shifts left/right 3" — allows easy load centering without repositioning entire fork truck



Dimensions & Data subject to change without notice

- Weight (Std).....5,000 lbs. (2, 268 kg)
- Max. Travel Speed, Lo, 5.5 mph (8.85 kph)
- Max. Travel Speed, Hi, 11 mph (17.7 kph)
- Max. Draw Bar Pull3,200 lbs.(1,452 kg)
- Max. Lift Height (Std.).....126" (3.2m)
- Mast Tilt14° fwd/16° back
- Mast Side Shift Travel.....6" (15.2 cm)
- Operating Capacity SAE.....1,600 lbs. (726 kg)
- Raise Time w/Load5 Sec.
- Lower Time, Empty5 Sec.
- Aux. Hydraulic Pressure.....2,500 psi
- Aux. Hydraulic Flow.....17.3 gpm
- 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
- 1,600 lb. SAE lift capacity
- 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
- 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
- Light package
- Engine hour meter
- Horn
- Steering knob
- Manuals — operator and parts

Optional Equipment:

- All-weather cab
- Air conditioning
- Straight mast, 10' w/side shift, mast tilt and 42" tines
- Straight mast, 12' w/side shift, mast tilt and 42" tines
- Tires: 29x12.5-15 turf tires
- Bee smoker bracket
- 36" fork tines
- 10' load clamp
- 12' load clamp
- Lift gauge
- Front end loader/carrier conversion



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 1/08