



The light-treading hive handler engineered for apiary work



- 48.1 hp Kubota tier 4i diesel engine
- Planetary drive axles with limited slip for best traction
- 2-speed hydrostat/4WD
- Shifts on-the-fly
- Ergonomic controls



NMC SUPER BEE APIARY ROUGH TERRAIN FORKLIFT

New NMC Super Bee has a proven driveline — starting with a space-saving, easy-access, transverse mounted Kubota tier 4i, 4-cylinder diesel. The engine delivers power to a 2-speed, shift-on-the-go, hydrostatic motor. Front and rear industrial planetary reduction axles reduce driveline stress, multiply torque and add longevity to the NMC Super Bee.

An articulation joint includes independent axes for oscillation and turns. Other features include 3 or 4 lever mast control, ergonomic operator station, adjustable suspension seat, ROPS for easy operation and longer life.

Professionally engineered—Super Bee is SAE tested and certified for stability at rated load capacity and full mast extension.

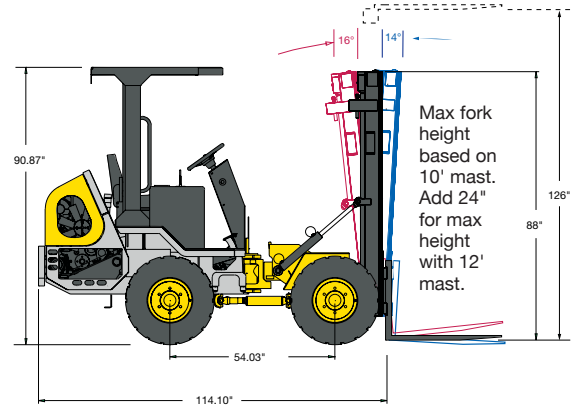
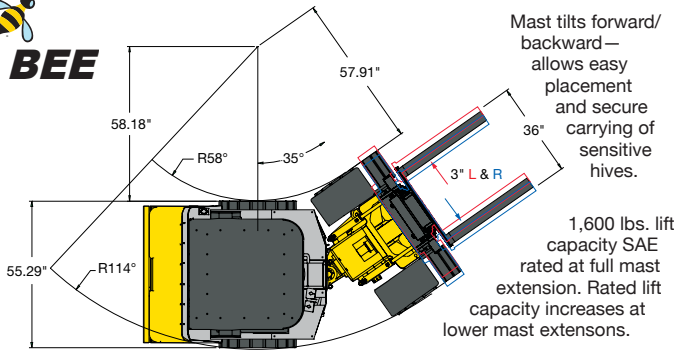
Combine the new improvements with the historical features (articulated steering, frame oscillation, side shift straight mast, 1,600 lbs. SAE lift at full mast extension, 4WD) and you know why the Super Bee is the #1 fork lift for Beekeepers.



Clockwise from top: (1) custom colors available. Four-wheel drive and limited slip differentials help assure all season traction and positive footing. (2) operator-friendly controls. (3) Super Bee loads transport semi-trailer. (4) front and rear planetary reduction axles multiply torque and reduce driveline stress (5) frame joint—with independent axes for articulation and oscillation (black arrows) helps insure smooth ride with sensitive loads. (6) Super Bee provides excellent visibility for fork placement, lift and carry.

NMC SUPER BEE

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 pull.....3,200 lbs.(1,452 kg)
 Max. lift height (std.).....126" (3.2m)
 Mast tilt.....14° fwd/16° back
 Mast side shift travel.....6" (15.2 cm)
 Operating capacity, SAE rated, at full mast extension.....1,600 lbs (726 kg)
 Raise time w/load5 sec.
 Lower time, empty5 sec.
 Aux. hydraulic pressure.....2,500 psi
 Aux. hydraulic flow.....14.5 gpm
 Articulation angle.....±40°
 Rear frame oscillation.....±6°

Engine: Kubota V2203, tier 4i, 4 cyl. diesel, 48.1 hp (net) @ 2,800 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 — amplifies torque 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 14.5 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 12 gallons (45 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-flotation bar lug tread.

Electrical: 800 CCA battery and 40 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. Single toe/heel foot pedal for forward/ reverse. One hand lever each for engine speed and parking brake. 14 inch diameter steering wheel for directional control — has integral horn button and steering knob. 3 or 4 lever valvebank controls 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:
 Kubota 48.1 hp, tier 4i, 4 cylinder diesel
 1,600 lb. SAE lift capacity @ full lift height
 Smooth hydrostatic over mechanical drive
 Integrated axle, transfer case
 Planetary reduction axles
 45% limited slip differentials
 Drive/auxiliary hydraulics for use with attachments (fork mounted mower or snow blower)
 Glow plugs
 Spark arresting muffler
 Ignition key, loader safety interlock
 4-spool hydraulic valve
 Two speed hydraulic motor (shift on the fly)
 Locking gas cap

ROPS/FOPS certified overhead guard
 Frame mounted front and rear tie-down points
 Light package, front and rear
 Adjustable driver's suspension seat w seat belt
 40 amp alternator
 Back up alarm
 Drum type park brake
 12 volt accessport
 Gauge package
 Engine hour meter
 Horn
 Steering knob
 Hive tool holder
 Manuals — operator and parts
 Color: SuperBee yellow

Optional Equipment:
 Foam or Rim Guard filled tires
 Turf tires
 Spare tire
 10' or 12' straight mast
 42" or 48" forklift tines
 Load clamp
 Accumulator/load dampener
 Lift gauge, tower mounted
 Bolt-on front fenders
 1/4" rear counter weight bumper
 2" rear counter weight bumper w/hitch receiver
 Deluxe captains chair seat
 Deluxe captains seat w/ joystick controls
 Rear tie down D-rings (2)
 Additional mast lights (2)
 Extended mast light mounts (2)
 ROPS lights (2)
 Bee smoker bracket
 3-stage mast
 Special colors (no metallics)



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