

New Workhorses Are Cross Between Tractors and ATV's

The success of Deere's Gator and Kawasaki's Mule has spawned a whole new generation of farm workhorses that are more than ATV's but not quite full-size tractors either.

FARM SHOW discovered four of the new rigs at the recent Sunbelt Ag Expo near Moultrie, Ga.



The 8-WD Range Cat 775 ATV is mounted on eight 22-in. high flotation tires and comes with an all-weather canopy and zip-up doors. Tracks are optional.

Cushman Range Cat

Golf cart manufacturer Cushman showed a prototype of its new Range Cat 775 ATV. It's mounted on eight 22-in. high-flotation tires. Standard features include 8-wheel drive, all-weather canopy, zip-up doors, halogen headlights with brush guards, under-seat storage, non-slip front and rear flooring, electric wiper, and cargo bed with tie-down hand rails. Tracks with a combination of steel and reinforced rubber are optional.

The rig is 59 in. wide, 105 in. long, and 67 in. high. It's powered by a 624 cc, 2-cylinder air-cooled engine rated at 25 hp at

3,600 rpm's. It has a capacity of 775 lbs plus two passengers. Top speed is 20 mph.

The new ATV is expected to be in production by February 1998. The company also expects to offer two larger models equipped with 4-cylinder liquid-cooled engines, hydrostatic transmissions, and steel cabs. Water-proofing kits will even allow them to operate in water. The rigs will sell for \$16,000 to \$68,000 depending on the model and options.

Contact: FARM SHOW Followup, Cushman, 900 North 21st St., Box 82409, Lincoln, Neb. 68501 (ph 402 475-9581; fax 402 474-8718).



The Workhorse ST-350 mounts on 20-in. high turf saver tires and has an electric-operated dump bed. The two-passenger seat is made from fabric-backed vinyl.

E-Z-Go Workhorse

Designed and built by a golf cart manufacturer, the new Workhorse ST-350 mounts on 20-in. high turf saver tires and has a 13 cu. ft. electric-operated dump bed equipped with a heavy duty bed liner. Power is provided by an 11 hp, 350 cc, twin-cylinder, air-cooled engine. Standard equipment includes the power dump bed, headlights, brush guard for the engine, and trailer hitch. The bed measures 48 in. wide, 40 in. long, and 12 in. high and can support a 500-lb. load. (Total load capacity, including operator, passengers, accessories, and cargo is

800 lbs.) The dump bed has removable sides and tailgate.

The rig has a wheelbase of 77 in. and is 48 in. wide and 120 in. long. The two-passenger seat is made from fabric-backed vinyl. Top speed is 15 mph. As a sign of its golf cart origins, the instrument panel has four drink holders. The unit will go on the market in February 1998 at a price of about \$5,500.

Contact: FARM SHOW Followup, E-Z-Go Textron, Box 388, Marvin Griffin Road, Augusta, Ga. 30903 (ph 706 798-4311; fax 706 796-4540).



The T-4000 is equipped with a modular 3-pt. hitch and independent live pto that can be used either at front or rear, and a 2,000-lb. capacity hydraulic-operated dump box.

Hydrostatic 4-WD Tractor

About one and a half years ago FARM SHOW ran a story on a commercial-built "Tructor" manufactured by Robert Gibbons of Marion, Mass. (Vol. 20, No. 2). That 2-WD rig was powered by a 40 hp 4-cyl. water-cooled diesel and had a 4-speed synchromesh transmission. It was designed largely for Third World countries. However, North American farmers showed so much interest in it that Gibbons decided to design a bigger, heavier duty, 4-WD hydrostatic model.

The new T-4000 is equipped with a modular 3-pt. hitch and independent live pto that can be used either at the front or rear, 2,000-lb. capacity hydraulic-operated dump box, and three-passenger bench seat inside a ROPS cab. It's powered by a 49 hp water-cooled Kubota 4-cyl. diesel engine and has a Sundstrand hydrostatic transmission. Top speed is 25 mph. It has 34-in. high (9.50 by 16, 6-ply) front tires and 42-in. high (12.5 by 24, 6-ply) rear tires. Options include a Koyker front-end loader with 5-ft. bucket, dozer blade, snowplow, front and rear quick disconnect hydraulic ports for the 3-pt. hitch,

front-mount snowblower, rotary broom, Cat II hitch links, and a windshield and full cab with heater.

"The pto is an integral part of the modular 3-pt. hitch and comes off with it," says Robert Gibbons. "To mount the 3-pt. on front you pull four pins to remove the brush guard, then insert four pins to secure the hitch. The front axle is a 1-ton rated off-highway axle. We designed and patented a structure to house the 4-WD differential on the axle. It holds the axle and also allows it to pivot, allowing the entire vehicle to be more stable on rough terrain."

"The patented 3-pt. comes with a receiver hitch that mounts under the rear pto for pulling trailers. It can also be equipped with a drawbar that pins onto the lower lift arms for towing implements.

"The standard model sells for about \$29,500. A lot of tractors in this price range have only about 35 hp."

Contact: FARM SHOW Followup, Tructor Inc., Box 537, Marion, Mass. 02738 (ph 508 748-1200; fax 1776).



The 2-WD Sigby tractor mounts on 26 by 12 by 12-in. turf tires and has a 44 by 56-in. cargo bed. The wheels are powered by separate hydraulic motors.

Sigby Tractor Looks Like "Hot Rod"

This rugged 2-WD tractor mounts on 26 by 12 by 12-in. turf tires and has a 44 by 56-in. cargo bed. It weighs 1,630 lbs. and has a total payload capacity of 2,500 lbs., with a towing capacity of 1,000 lbs. The frame is made from 1 1/2-in. dia. tubular steel and the body from 14 ga. sheet metal. The rig has rack and pinion steering. Power is provided by an air-cooled 25 hp Kohler overhead cam gas engine coupled to a hydraulic pump. The wheels are powered by separate hydraulic motors. A large capacity, automotive grade muffler and lower engine rpm make it run

very quiet. Top speed is 15 mph.

"It comes with two deep cushion vinyl bucket seats and has a foot-operated accelerator, brake pedal, and shift lever. It also has a 1/4-in. thick Lexan windshield and a rollbar and headache rack. It's equipped with a 14-gal. fuel tank.

Sells for \$8,800.

Contact: FARM SHOW Followup, Fabricated Equipment & Machine, 2082 Sylvester Hwy., Moultrie, Ga. 31768 (ph 912 890-3256; fax 0786).