

SNOW EQUIPMENT

By CURT HARLER

So you ducked back into the shop to escape the late summer heat? To help you out, our Report this month is on snow blowers. A key piece of equipment for winter operation, the snow blower can be taken for granted by workers who are apt to take chances that they would not think about risking with a lawn mower.

"For most of us, operating a snow blower is not a day-to-day task," says Richard DePauw, snow blower safety expert for John Deere, Moline, IL. He says the biggest safety risk is trying

to clear the discharge chute without first turning off the machine. Newer machines have manufacturer-installed automatic shut off systems. "People try to bypass the system ... bad idea," DePauw says. "Never put your hands inside the chute or the auger. Use a stick instead. It's a lot safer," he states.

Before plowing or blowing snow, clear the area of objects like doormats or boards. If the job takes you around condos or office clusters, beware of newspapers buried under the snow ... shredded newspapers are a bear to extract from an impeller. Don't clear snow across steep slopes — and be doubly careful when changing direction on any slope.

Be aware of snow conditions. A snow blower will push right through the first light, fluffy snow of Fall in top gear without hesitation. However, speed will have to be vastly reduced if the snow is wet, or the operator will be frustrated with cleaning clogged chutes and frequent restarts. Along with operating speed, keep in mind the distance the snow is discharged.

Small stones along a walkway often will be hurled out the discharge chute. Pause for a moment if people are within the throw-radius of the unit. Windows also seem to act as magnets for stones or small pieces of wood which are thrown out the discharge chute. Deflectors should not be set to toss snow any farther than is necessary.



John Deere TR522 powered by 4-hp Tecumseh. Model 828 D has 8-hp engine and clears 28-inch path through the snow.



Attach a snowthrower to Grasshopper zero-radius power unit.

SNOW REMOVAL EQUIPMENT

BOBCAT
701-241-8700
Circle No. 250

Hook a Kwik-Way angle blade to your 500, 700, 800 or 900-series loader from Bobcat, Fargo, ND, to remove snow; use the heavy-duty version to doze or backfill dirt the rest of the year. Or, get the 1812 or 2418 hydraulic-drive rotary units. Special plastic lines the discharge chute to help prevent plugging in wet conditions. The 1812 is available in 61, 67 and 73-inch versions; the 2418 comes in 63, 73 or 85-

inch widths and can throw snow up to 50 feet when equipped with the high-flow option loader.

CUB CADET
216-273-4550
Circle No. 251

The newest from Cub Cadet is the 1333SE with power steering wheel drive which allows easy maneuvering. Simply engage one directional trigger and one side remains stationary while the other digs in to complete the turn. Powered by a 13-hp, 4-cycle OHV Regency engine, the 1333SE clears a 32-inch path. Features include push-button electric start, halogen headlight for early morning use, serrated augers

to dig into hard pack snow or ice, and a 6-inch freeze-resistant discharge chute that rotates 190 degrees to toss snow where you want it.

JOHN DEERE
888-669-7767
Circle No. 252

Your local Deere dealer offers a full line of stand-alone machines and attachments. The TRS22 two-stage snow blower, powered by a 4-hp Tecumseh engine, has a small frame for easy maneuvering. A 10-inch auger moves through hard-packed snow or ice and the 4-blade 9-inch impeller moves snow efficiently from the auger and out the chute. The 828D is a large-frame model with 8-hp engine. It clears a 28-inch path. Features a spiral auger with serrated cutting edges, embossed side panels to prevent flex, and differential lock for better traction. Tosses snow up to 35 feet.

DINGO DIGGING SYSTEMS
800-476-9673
Circle No. 253

Take the 1812Hyd snowblower, from Dingo Digging Systems, Fort Mill, SC, with you to tight spaces. With a 48-inch cutting width, the unit is perfect for sidewalks and other narrow areas. Its design eliminates metal-to-metal contact between the blower and rotating chute base, sealing out snow and freezing slush. Comes with 12-inch auger and 18-inch diameter fan. Discharge chute is hydraulically rotated and will cast snow 15 to 25 feet.

FAIR MANUFACTURING
605-387-2389
Circle No. 254

Full line of Snocrete Blowers is available from Fair Manufacturing, Menno, SD. Sizes range from 36-inch center spout models through 48, 60, 72, 84, 96 and 108-inch units with center or twin spouts. Modified-V cutting edge penetrates snow easily, while two large-diameter fans give maximum movement with a minimum of moving parts. Chopper bars prepare and gather ice or snow. Spouts rotate 360 degrees and tapered side wall protects against surface damage.

THE GRASSHOPPER COMPANY
316-345-8621
Circle No. 255

Mow through snow with the Snowthrower from Grasshopper,

Moundridge, KS. Attach a snowthrower to any Grasshopper zero-radius power unit for no-clog performance, even in deep, heavy or wet snow. Discharge spout rotates 180 degrees to throw snow up to 30 feet. Available in 48- and 60-inch models, snow throwers feature heavy-gauge welded steel construction. Optional winter enclosure with heater is available.

GRAVELY INTERNATIONAL
800-472-8359
Circle No. 256

Thirty-two-inch two-stage snow blower from Gravelly, Brillion, WI is constructed of reinforced, die-formed and welded steel. Unit has a 16-inch impeller fan that runs at 1179 rpm and a 16-inch auger operating at 112 rpm. Auger slip clutch protects the worm gear auger drive enclosed in a cast-iron housing. Auger drive and impeller fan are driven by tractor pto. Also available is a 48-inch SnowDozer blade, designed for front mounting. The 21-inch high curved blade pushes a 48-inch path, curling snow out of the way in tight areas.

GUEST INDUSTRIES
800-243-5390
Circle No. 257

Turn any bucket loader into a snow plow right without any special tools required. Torrington, CT-based Guest Industries has six models ranging from five-feet to 12-feet which attach in two to three minutes time. Clamps on the plow units require only manual tightening to the bucket. Pin locks prevent loosening. All models can be used straight or angled 30 degrees to either side. Units work with buckets ranging from 37 inches to 83 inches wide and fit bucket lips from one inch to 2.75 inches.

HONDA POWER EQUIPMENT
800-426-7701
Circle No. 258

The HS828 series of walk-behind snowblowers from Honda, Duluth, GA are powered by the Honda 8-hp OHV engine. Both the HS828K1WAS and the HS828K1TAS come with a standard 210-degree adjustable discharge chute. The WAS (wheel drive) and TAS (track drive) units clear a path 28 inches wide and can discharge snow up to 49 feet, de-



Honda Power Equipment

pending on snow conditions. The two units come standard with hydrostatic drive and electric start. Operator controls are easy to use.

HUSQVARNA
800-448-7543
Circle No. 259

Heavy-duty snowblowers with electric start from Husqvarna. The Charlotte, NC, firm offers the ST926EC with a 9-hp Tecumseh Snow-King engine and shift on-the-go drive, including four forward speeds and two reverse. It clears a 26-inch path. The larger ST1030EC has a 10-hp engine and clears a 30 inch path. Both allow single-hand operation and feature sealed bearing shaft supports and come with two year warranties. The ST624E is a 6-hp, self-propelled version with six forward and two reverse speeds. Large mitten-grip starter handle.

MTD PRODUCTS, INC.
800-800-7310

Circle No. 260

Refined features like the extra-large mitten-



Snapper, Inc.

size starter handle grip and extra-large gas cap make it easier working with the 5-hp Yard-Man from MTD Products, Cleveland, OH. Powered by a two-cycle engine, the single-stage E262 clears a 20-inch path. Handle folds down for off-season storage. The larger E9931 is a 13-hp snow thrower with 33-inch clearing width and a 16-inch impeller.

Rugged, cleated tracks provide top traction, balance and stability.

SNAPPER, INC.
770-914-4278
Circle No. 261

Latest from Snapper, McDonough, GA is the SX5200E, a single-stage snow blower with a 20-inch clearing width and a 230-degree rotating chute with adjustable arch control. Powered by a two-cylinder, 5-hp winterized engine from Tecumseh, it blows away 1,300 pounds per minute of snow. Rubber-lined auger clears right down to the pavement.

THOMAS EQUIPMENT, INC.
506-276-4511
Circle No. 262

A 2-stage, hydraulic drive snowblower is available to fit four models of the Thomas Equipment loaders, including the T133, T173HL, T203HD and the T233HD. The snowblower from the Centerville, New Brunswick, Canada firm is 60-inches wide and 23 high and features a 700 rpm auger with a diameter of 14.5 inches. The chute turns 210 degrees. The unit features Quick-Tach mounting and weighs about 475 pounds.

TRYNEX INTERNATIONAL
800-725-8377
Circle No. 263

Tailgate spreaders from SnowEx, Royal Oak, MI, mount to the pickup, but still allow full tailgate access. No drill holes required in truck bed. Features low profile hopper for salt, allowing operator good view. Available in two sizes: Pivot Pro 1075 for three-quarter ton and one-ton pickups or larger has 700 pound capacity and 4 to 40 foot spread width; Mini Pro 575 is best for half-ton or compact pickups and sport utility vehicles, has 350-pound capacity and 40 foot spread width. **LM**