

MISKIN®

Push-off Ejector E-20



Model E-20 Push-off Ejector Scraper

With a productive 20 yard capacity, but still under 12 feet wide overall for easy transport between jobs. Expect improved unloading in sticky soils, and less carry-back.

Ultimate Clay Mover

Perfect for working in sticky material. It wipes its own floor and sides clean each time it ejects, there's no place left for dirt to hang up. The back of the bowl pushes forward to unload while the bottom and sides are stationary.

The blade does not change positions during unloading. As it unloads, dirt is pushed forward and precision spread by the blade to any depth the operator desires.

Steep back wall works better unloading sticky material. The steep blade angle allows dirt to slide out easily.

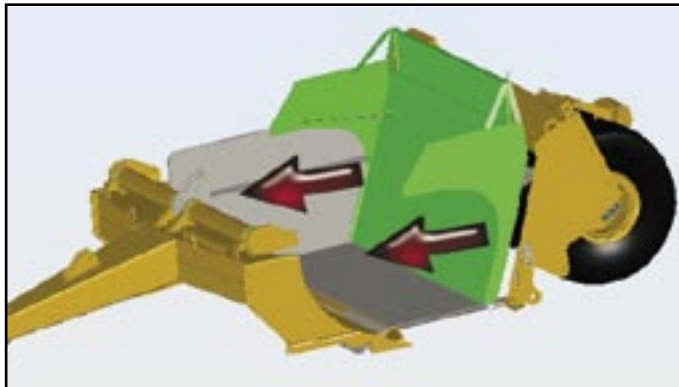
Powerful dual Ejector cylinders (one on each side), are configured in a Master-Slave synchronized hydraulic circuit. A unique patent pending, two speed ejector (optional) features power as unloading begins, then shifts to high speed as it finishes unloading. Decreases your cycle time by placing the dirt exactly where you want it.

The large apron opening keeps the scraper from choking, so it can unload quickly and easily. The unique design wipes the apron walls clean as it opens. A patent pending, EjectorFreeze™ feature (optional), temporarily stops the ejector movement to allow the operator to raise and lower the apron and "chop" up difficult materials during unloading.

Sporting four big 23.5x25 tires, the E-20 has more rubber on the ground than any other scraper. Helps keep you on top of muddy wet conditions. Removable Mud Slinger Bars go between the dual tires to prevent mud buildup.

Push Block (optional) is used for pushing the scrapers through soft or muddy ground, and to easily get "unstuck". It is not intended for push loading.

Overflow backboard features a reinforced "open" mesh design (not punched holes) for better rear visibility without compromising strength. It stands vertical for a larger opening, making top-loading easier.



Durability

T-1 Floor (double the thickness of competitors 1/4 inch floors). Dual plated, cellular design for extra strength. Side walls are 50% thicker than our competitors 1/4 inch walls.

Durable cam-follower bearings (no plastic slides) on eccentric shafts provide precise ejector adjustment, for jam-free operation. Bearings run on replaceable steel tracks. Bearings are located on the outside of the bowl (not on the floor) away from the dirt, for longer life.

Easy removal/replacement of cylinders and bearings. Grease points are accessible safely from ground, no crawling in or under the scraper.

Miskin is the oldest manufacturer of pull-type scrapers with capacities up to 26 yards.

"Better Earth-Shaping Ideas Since 1917"



Same Great Features as our Popular D-series Scrapers, but with a "Push-off Ejector" bowl



Oil Filled Hubs, with metal face seals protect Timken tapered wheel bearings.

Steel hydraulic lines with O-ring face seals (no pipe thread).

Heavy-duty "Safety" hitch fits industry standard drawbars (60mm or 1.50"). The unique 360° rotation won't bind and break in rough jobsite conditions.

Miskin's patented design features a variable tongue weight. The wheels pivot rearward transferring more weight to the tractor for traction when loading. As the scraper is raised for transport, the wheels pivot forward moving under the load. The lighter tongue during transport lessens the strain on the tractor and allows higher transport speed.



Larger Pins with replaceable wear bushings for long life.

The Miskin frame is solid, rigid, steel between the hitch and blade. The tractor's pulling force does not travel through any pivot points, hydraulic cylinders, pins, etc. Competitor's front-pivoting frame pulls through two hydraulic cylinders, and six pivot pins before reaching the blade.

Multi Voltage (12~24 vdc) LED lights mounted in protective metal holders. Low wattage will not overload tractor electronics, even when pulling triple scrapers.



Shields for top loading protect cylinders, hoses, valves, etc. Top shield is pre-drilled for mounting Laser or GPS sensor.

Simple, reliable design utilizes not only the latest computer engineering and Finite Element Analysis, but also decades of experience in-the-dirt.



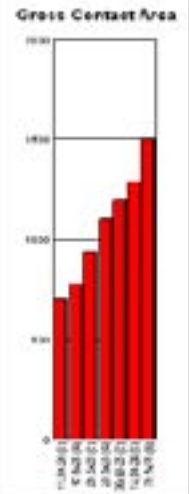
*The same heavy-duty frame is fitted with either an:
Ejector Bowl (E-series)
-or-
Dump Bowl (D-series)*

Flotation

Even more Gross Contact Area than a "terra" tire, while providing the load carrying ability you need for long, high-speed hauls.

Work on days when it is too wet, or too soft, or too muddy. The Miskin Scraper works where others can't.

The 4-tire configuration helps prevent rutting of the haul road and fill area, allowing faster travel...
...faster cycle times, less drag, and better fuel economy.



Efficient Loading

The rear-pivot frame lowers the rear of the bucket with the blade, so the dirt does not have to push "up-hill" to load. 3 ft long Side Skirts force the dirt into the bowl, instead of spilling around the sides.

Built for Speed

The E-20 features our CushionRide™ suspension, that:

- * Protects the scraper in rough terrain from the worst bumps & jolts.
- * Stops rhythmic bounce, extending haul road life.



"Made for today's high speed, high horsepower tractors."

Disk brakes (optional) are recommended, especially for high speeds or work on steep grades.

Specifications

	E-20	
Capacity-SAE Heaped	20 yd ³	15 m ³
Capacity-SAE Struck	14.3 yd ³	11.0 m ³
Cutting Width	10 ft	3.05 m
Overall Width	12 ft	3.66 m
Clearance	19 in.	483 mm
Tires (23.5x25)	4	
Weight (empty)	26,150 lb	11,861 Kg
Tongue Weight (loaded)	28-32%	
Tractor Size	380-550 hp	283-410 Kw

Specifications subject to change without notice.

Sold By:



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