



MODEL 2000

HYDRAULIC TRUCK CONVEYOR





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THE MOST ECONOMIC

For big jobs like road widening, installing pipe bedding, trench filling and shouldering, the heavy-duty, extra capacity Model 2000 Hydraulic Truck Conveyor is the new time, labor, material and money-saving innovation you've been looking for.

Designed to mount quickly and easily to road graders, loaders and tractors for efficient delivery of both free-flowing and large chunky materials where you want them, when you want them, without expensive hand labor. Its versatile hitch design lets you adapt to many types of hitches, allowing the use of a variety of push vehicles or can be hydraulically connected to the truck and pulled, eliminating the need for a push vehicle. The Model 2000 actually increases the number of uses for a single piece of equipment without adding significantly to your down time or labor costs.

• LARGE CAPACITY

Ideal for shouldering, road widening, installing pipe bedding or trench filling.

• 18" WIDE HEAVY DUTY HOT ASPHALT BELT

Moves large quantities of material quickly. The fully adjustable tension belt can withstand 350° Fahrenheit.

• FAST OPENING GATE

Accurately adjusts in 1 inch increments. Has right or left side discharge. 16" X 16" opening with removable end plates for delivery of larger materials.

• FOUR DUAL WHEEL CASTERS

8 inch x 3 inch polyurethane molded wheels assure long life.

• TWO HIGH-TORQUE, LOW SPEED HYDRAULIC MOTORS

One motor mounted on each end of the conveyor for unequalled torque. The two motor design delivers material to the right or left without adjustment or motor repositioning.

• DIRECT DRIVE

Utilizes ball bearing support rollers on heavy duty shafts, with idler rollers for reduced wear and maintenance.

• V-GROOVED ROLLERS AND BELT

Belt is constructed with raised ridge which runs in the groove on rollers for precise belt alignment.

• HYDRAULIC POWERED

Connect to your existing hydraulic system or with optional power unit.



• OPTIONAL TWO FOOT HYDRAULIC STRIKE-OFF

Designed for narrower widths, it is controlled with valve manifold and 25' pendant control. With 12" of movement it can go from 1' width out to 2'. A 12" extension can be added making the width 2' out to 3'.



• OPTIONAL MANUAL STRIKE-OFF WING

The wing allows you to shoulder roads in a single pass. Levels the material as it is conveyed to the shoulder of the road. It extends from 2 to 6 feet from the conveyor gate and is able to work 5-inches above or below the grade.



• OPTIONAL HYDRAULIC STRIKE-OFF WING

The Hydraulic Strike-Off Wing adjusts height, slope and width by using the electrically operated control. Equipped with a customized valve manifold, which features an electromagnetic hydraulic actuation for remote control, load sensing on all cylinder and motor functions (to provide smooth, continuous service) and greatly reduced leakage points.



• 25' PENDANT

• SUPERIOR CONTROL SYSTEM

When equipped with the optional hydraulic strike-off wing, one person can electronically control the unit with a 25 foot long pendant. It can be operated in cab of push vehicle or anywhere within 25 feet of the conveyor unit.



• WIRELESS REMOTE CONTROL

• ULTIMATE CONTROL SYSTEM

This battery powered remote control unit is the ultimate control for your hydraulic strike-off wing. This allows you to control the wing functions from as far as 1000 feet away, ensuring operator safety and convenience.

The heavy-duty Model 2000 comes through the toughest conditions with minimal down time and maximum availability.



• OPTIONAL VALVE MANIFOLD

A custom-manufactured valve manifold using the latest technology. The valve system features electromagnetic actuation for remote control, load sensing on all cylinders, horsepower, incorporated power boost feature, compatible with open or closed hydraulic systems. The oversized oil cooling and increased pump life.

TRUCK CONVEYOR

AL SHOULDER MACHINE EVER MADE!

HANDLES UP TO
600 TONS PER HOUR
WITH END PLATES
REMOVED

heavy-duty, rugged design and construction
rough with its low maintenance cost, less
e and less equipment needed. You'll be
to work faster and more efficiently
than ever before.



• OPTIONAL TRUCK WHEEL MOUNT

The versatile Model 2000 truck hitch hydraulically hooks the wheels of the truck to hold the truck to the Model 2000.



• OPTIONAL OPERATORS PLATFORM

The quick attaching Operators Platform can be either wing mounted, front mounted or both. The Platform allows you to add an operator right on the machine if desired.



• OPTIONAL 4-FOOT EXTENSION

Mounts to either end of the Model 2000 Conveyor to give you the extra reach you sometimes need for ditch filling or delivering materials to those hard to reach locations.



• OPTIONAL DRAG BOX

For narrower, edge rut filling, the 2-foot wide box is attached to the end of the conveyor and drags on the ground leaving behind the desired amount of material. This is controlled by the adjustable door on the box.



• OPTIONAL POWER UNITS

Diesel or gas power units allow operation of the unit without connecting to an existing hydraulic system, giving you more choices in the equipment you can mount the Model 2000 on. The Hydraulic system on the Model 2000 Power Unit features a large 30 gallon capacity reservoir with a suction strainer and filter for trouble-free operation.

est state-of-the-art
tic hydraulic
ctions to maximize
ble all being used!
oil cooler provides



MODEL 2000



The Model 2000 is versatile enough to adapt to many different types of hitches such as: the grader push plate mounted HTC lift group (A), American Coupler System (B), Hyundai Style Hitch (C), and the loader bucket clamps (D). Other hitch options are available so please call to discuss your particular requirements.

SPECIFICATIONS FOR MODEL 2000 SHOULDERING MACHINE

FRAME: Welded tubular, formed combination construction, not less than 2800#, with 1.5 cubic yard hopper capacity. Overall width 123", height 42", length 65". Truck clearance on front of hopper 26" high. Hand adjustable flow gate or for large materials the endplate may be removed for unrestricted flow.

CONVEYOR: Two 14 cubic inch displacement hydraulic motors driving two 6" diameter, lagged pulleys, ten 4" idler pulleys. All idler pulleys are equipped with greaseless bearings and have C-Section, V-Groove in the center.

BELT: Heat and oil resistant. 18" wide, 2-ply, 220# per inch tensile strength, 3/16" top cover, 1/16" bottom cover, with C-Section, V-Belt molded in the center. Resists heat to 350 degrees, Fahrenheit.

TRUCK PUSH: Four - 2 7/8" diameter, 24 inch long rollers with sealed bearings attached to a pivoting beam to allow for truck misalignment. Push beam adjusts 8" (in/out).

WHEELS: Four heavy-duty swivel casters with dual 8" diameter, 3" wide cast iron wheels with polyurethane molded to them.



STANDARD UNIT



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