

Concord Road Equipment Mfg., Inc.
Painesville, Ohio 44077
1-800-942-ROAD (7623)

CRE 960 Series Undertailgate Conveyors/Berming Machines Specifications

Compact modular design allows for ease of operation and maintenance.

Many optional attachments offer a wide range of machine versatility.

Standard Equipment and Features Include:

Conveyor belt is 18" wide, for use with all types of aggregates, sand, salt and asphalt materials

Overall hopper width is 98" (discharge to discharge door)

Overall length is 24" (front to rear hopper walls)

Overall height is 22" (material chute bracket to top of hopper back guard)

Hopper front and rear walls are constructed of 3/16 inch thick formed channels

Hopper discharge end plates constructed of 3/8 inch thick steel plate

Hopper front to rear internal cross supports constructed of 1/4 inch thick formed channels

Heavy duty, top hinged, removable, full opening discharged doors

Discharge doors constructed of 3/16 inch thick plate with a 1/2 inch diameter full length hinge rod

7 inch tall rear back guard constructed of 3/16 inch plate

Back guard reinforced with seven 1/4 inch thick gussets on 12 inch centers

All conveyor rollers are of the convex drum type design, and are strategically placed for maximum belt surface contact

Total of seven conveyor rollers, one 6 inch diameter drive roller, one 6 inch diameter take-up roller, four 4 inch diameter upper idler rollers, and one lower idler roller

Drive roller covered with 3/8 inch thick spiral wrapped rubber lagging

All rollers are supported by heavy duty external flange type bearing assemblies with grease zerks for periodic maintenance

All bearings are enclosed with a 12 gauge steel removable bearing cover

Drive roller and take-up roller are adjustable for proper tracking

Adjustable take-up roller is supported by wide slot heavy duty bearings in fabricated double bar take-up rails

Swing type material discharge chute can be moved from end to end of hopper giving an extension of 9 inches when in use

Material discharge chute swings completely underneath unit for transport and storage

Heavy duty self-adjusting hopper conveyor belt sealing skirts

Hopper mounted rubber sealing skirt fills the gap between the spreader and the dump body rear apron to minimize spillage

Conveyor driven by a high torque low speed hydraulic motor and a 2 to 1 chain and sprocket reduction

Entire drive assembly is mounted on a 1/4 inch thick steel drive plate and completely enclosed with a steel removable cover

Unit requires a separate hydraulic power source that is capable of providing 7 gpm at 2000 psi

Entire unit comes primed and painted Omaha orange

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Two Mounting Options to Choose From:

CRE-960-SL - Self leveling mounting kit

Keeps machine level automatically at all dump body angles
Machine mounts between a twin saddle lower support system and pivoting slide arm and pocket upper setup.
Design allows all load weight to be evenly distributed between pivot points
This mounting kit is primarily used when machine will be mounted on one dedicated vehicle

CRE-960-FL - Folding leg and winch mounting kit

Allows user to easily transfer machine from one vehicle to another at the job site without the use of any tools
Dual winch system support the rear of the hopper and allows the operator to adjust the machine to level
Front chains and body mounted tensioners support the front of the hopper and hold the machine tight to the dump body
Leg assemblies fold up and inward when machine is being used or transported

Legs fold down and outward allowing machine to rest on them when not in use or when being transferred to another vehicle

Available Options:

CRE-960-18FC - Hydraulic flow control valve

Hydraulic flow control valve mounted to machine back guard; allows operator to adjust belt speed from rear of chassis

CRE-960-18EF - Electric over hydraulic flow control valve

Electric over hydraulic flow control valve mounted to machine back guard; allows operator to adjust belt speed with

CRE-960-18CD - Manually adjustable discharge door

Crank operated manually adjustable hopper discharge door, replaces standard door on either end of machine

CRE-960-18BG - Backguard extension to 12 inches

Add on back guard extension, makes back guard 12 inches tall in lieu of the standard 7 inches

CRE-960-18LG - Rear lighting group

Rear facing incandescent rubber grommated stop/tail/ turn lamps and three light cluster. Lights are recessed mounted in

CRE-960-18LG-LED - Rear lighting group LED

Rear facing LED rubber grommated stop/tail/ turn lamps and three light cluster. Lights are recessed mounted in rear bearing

CRE-960-18RV - Hydraulic reversing valve

Hydraulic reversing valve mounted to machine; allows operator to switch belt direction without uncoupling hoses

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Available Options (continued):

CRE-96018SP - Material spinner

Material is easily mounted on either end below hopper allowing broadcast spreading when required
Includes spinner assembly and spinner specific discharge door

CRE-960-18PS - Poly spinner disk

Molded polyurethane spinner disk installed on material spinner in lieu of standard steel disk

CRE-960-18EX - 48 inch fold up conveyor extension

Ideal for back filling operations, the conveyor extension give an extra 48 inches to the reach of the machine.

CRE-960-18AU - 60 inch adjustable auger extension

Ideal in curb machine filling applications, the auger extension has a 60 inch long, 9 inch diameter auger in a heavy duty steel tube. Unit incline is adjustable up and down and can be moved fore or aft 30 degrees.

CRE-960-18HP - Self contained portable hydraulic power pack

Completely self-contained, machine mounted and removable, the portable hydraulic power pack is a easy solution for a truck without a central hydraulic spreader circuit. Unit comes standard with a twin cylinder 16 horsepower electric start gasoline engine, direct mounted hydraulic pump, 12 gallon hydraulic oil reservoir, replaceable return oil filter, system hydraulic pressure gauge and hydraulic flow control. Battery and hydraulic oil not included

CRE-960-18PP - Removable patch pan / shelf

The removable patch pan / shelf attaches underneath the discharge end of the hopper and collects material in a flat bottomed box, providing a low location for material to be easily shoveled out