

SD-SERIES CONVEYOR

The SD-Series is a troughed belt conveyor with cleats designed to move bulk material up an incline. The cleats of the conveyor prevent material roll back, allowing material to move to newer heights. Belt widths come in 16, 20, and 24" widths.

SPECIFICATIONS

BED: Slider bed with center rollers, 15 degree trough.

FRAME: 7/8" or 1-1/4" OD steel tubing material.

BELT: 16", 20" or 24" wide - 2 ply 150 black rubber x bare

CLEAT: 1-1/4" Tall Chevron Cleat on 24" centers.

Other incline belts available

MOTOR: Electric, gas, or hydraulic motor available (see options).

DRIVE: V-belt, or gearbox drive.

BEARINGS: Sealed, pre-lubricated, self-aligning, ball bearings.

DRIVE PULLEY: 8" in diameter. Open wing pulley.

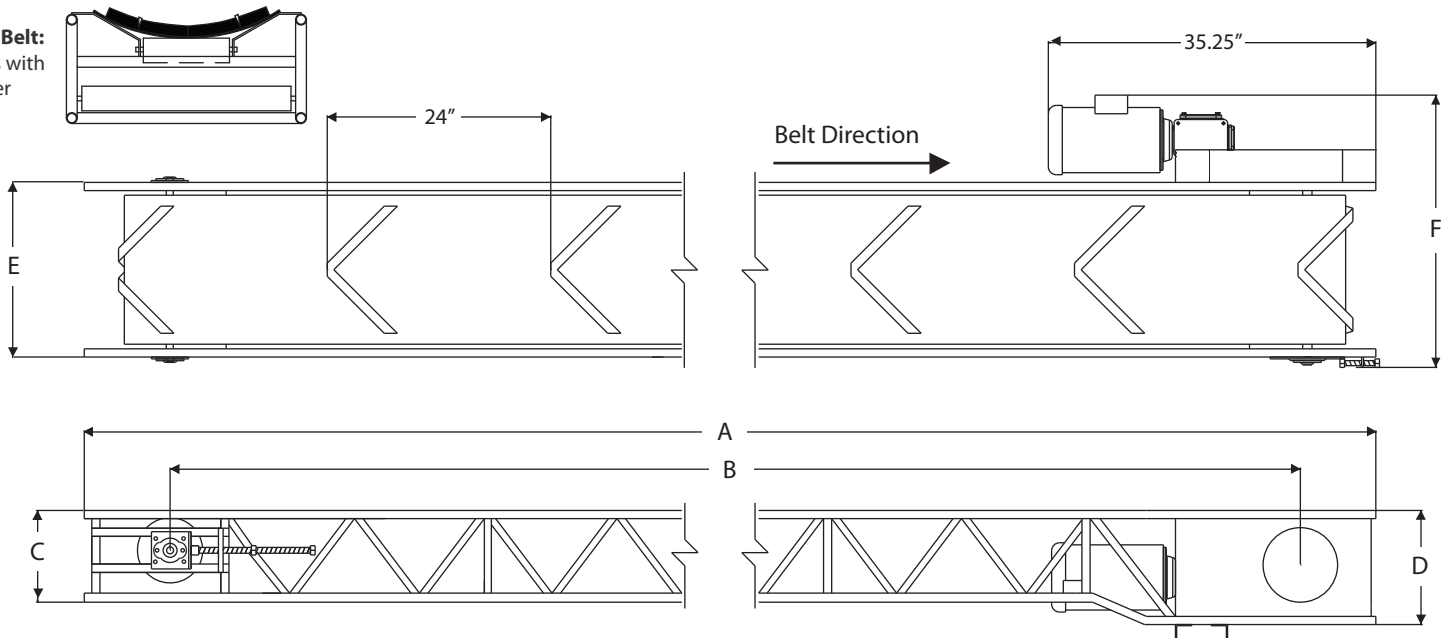
TAIL PULLEY: 7" in diameter. Open wing pulley.

BELT SPEED: Constant 130 FPM. Other speeds available.



REDLINE SYSTEMS, INC SD-SERIES

Troughed Belt:
slider sides with
center roller



MOTOR MOUNT LOCATION

TYPE E: Side mount at discharge end of conveyor.

TYPE H: Side mount at infeed end of conveyor.

TYPE B: Underside mount at discharge end of conveyor.

TYPE G: Underside mount at infeed end of conveyor.

OPTIONAL INCLINE BELTS



144 MINI CLEAT TOP
3/8" Tall Overlapping

HERRING BONE
1" Tall Overlapping

OVERLAPPING CHEVRON
1-1/4" on 12" centers

SD-SERIES CONVEYOR DIMENSIONS					BELT WIDTH			BELT WIDTH		
					16"	20"	24"	16"	20"	24"
MODEL	A	B	C	D	E	E	E	F	F	F
SD-3-11	11'	9'-8"	9.75"	12"	18.75"	22.75"	27.5"	29.25"	33.25"	38.5"
SD-3-16	16'	14'-8"	9.75"	12"	18.75"	22.75"	27.5"	29.25"	33.25"	38.5"
SD-3-21	21'	19'-8"	9.75"	12"	18.75"	23.5"	27.5"	29.25"	34.5"	38.5"
SD-2-26	26'	24'-8"	10.5"	13.25"	19.5"	23.5"	27.5"	30.5"	34.5"	38.5"
SD-2-31	31'	29'-8"	10.5"	13.25"	19.5"	23.5"	27.5"	30.5"	34.5"	38.5"
SD-2-42	42'	40'-8"	10.5"	13.25"	19.5"	23.5"	27.5"	30.5"	34.5"	38.5"
SD-2-52	52'	50'-8"	10.5"	13.25"	19.5"	23.5"	27.5"	30.5"	34.5"	38.5"

Special Conveyor widths and lengths available on request.

OPTIONAL EQUIPMENT

FLOOR SUPPORTS

PORTABLE UNDERCARRIAGE

PORTABLE TOW DOLLY & HITCH

CASTER WHEELS

LOADING HOPPERS

BELT COVERS

ELECTRIC CONTROLS

SKIRTED SIDES

VARIABLE BELT SPEED

GAS ENGINE

HYDRAULICS

PNEUMATIC MOTOR

