

BRANDT™ Screw Conveyor Systems



The screw conveyor is a simple way to transport drilled solids. Screw conveyors are typically used to transport drilled cuttings from the shale shaker area to a discharge port, skip or to secondary processing equipment.

Screw conveyors are available with e-stop kill switches, as well as grab lines, which stop the unit in the event of an emergency. A variable speed drive controls the rate of conveyance. The top of the units are fitted with expanded metal covers for feed areas and solid covers for non-feed areas.

Screw conveyor size and horsepower requirements will vary, dependent upon the length of the run, bit size, rate of penetration and flow rate. Additional sizes are available upon request. Please contact your NOV representative for more details.

Screw conveyors are available in the following typical configurations:

- 16 in (406.4 mm)
 - 20 hp (14.9 kw) main drive
 - Forward and reverse motion
 - 307 tons per hour
- 14 in (355.6 mm)
 - 10 hp (7.5 kw) main drive
 - Forward and reverse motion
 - 205 tons per hour
- 12 in (304.8 mm)
 - 10 hp (7.5 kw) main drive
 - Forward and reverse motion
 - 126 tons per hour