

CONVEYOR DATA SHEET

Complete this form for a customized pulley quotation.

Date _____
 Customer _____
 Plant/Mine/Project _____

Submitted By _____
 Contact Name _____
 Contact Phone or Email _____

Application Data:

Ambient Temp Range (degrees) _____
 Operation (hours/day) _____

Altitude (ft) _____
 Operation (days/year) _____

Conveyor Data:

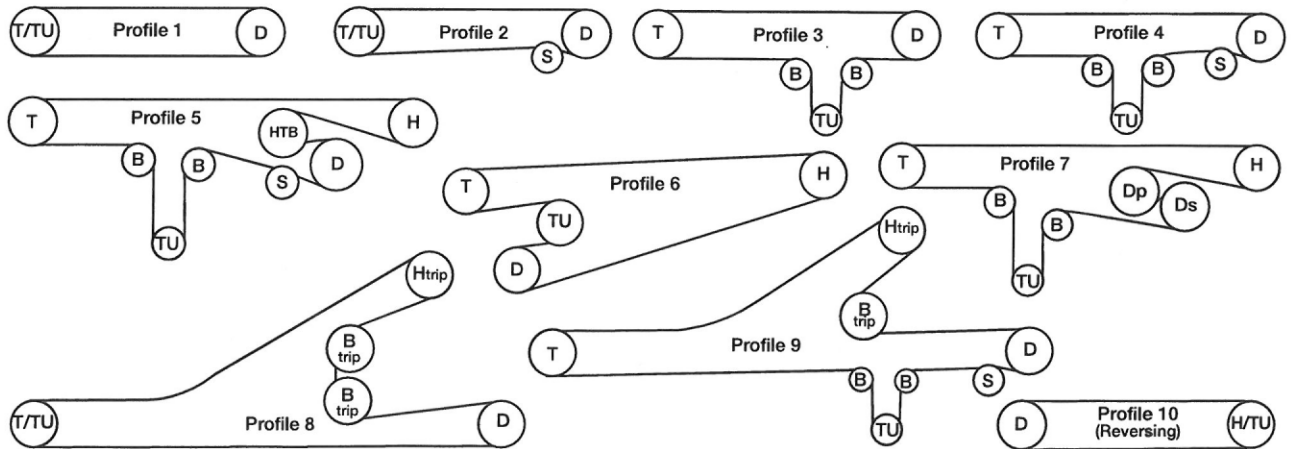
Conveyor Name/Tag _____
 Conveyor Capacity (TPH) _____
 Conveyor C/C Length (ft) _____
 Conveyor Lift (ft) or Incline (deg) _____
(if not linear, please sketch curve below)

Material (type & max lump size) _____
 Material Density (lbs/ft³) _____
 Material Repose Angle (degrees) _____
 Trough Idler Angle, Spacing & Roll Diameter _____
 Return Idler Angle, Spacing & Roll Diameter _____
 Number of Belt Scrapers/Cleaners _____
 Number of Belt Plows _____
 Length of Skirtboards (ft) _____
 Height of Material on Skirts (In) _____
 Conveyor Belt Details (if known) _____
 Fabric or Steel Cord _____
 Number of Plies & PIW (if known) _____
 Covers Top x Bottom (in x in) _____

Belt Width (in) _____
 Belt Speed (FPM) _____
 Motor Horsepower (if known) _____
 Type of Soft Start _____
(Electronic; VFD; Fluid Coupling; or none)

Take-Up Type (manual or automatic) _____
 Total Installed Counterweight (lbs) _____
 Bearing Centers (in) _____

Conveyor Profile (See types 1 – 10 below). Circle one.



If profile differs from one shown, please sketch here:

Profile 1

Type = Head/Drive with Manual/Screw Take-Up

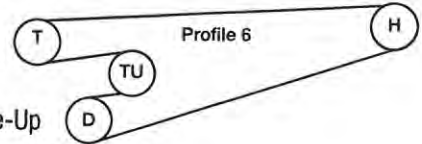
- ▶ Drive location = head/discharge
- ▶ Takeup location = manual at tail
- ▶ Drive snub = no



Profile 6

Type = Wrap Drive (on return) with Manual/Screw Take-Up

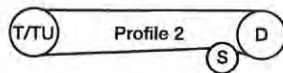
- ▶ Drive location = wrap on return
- ▶ Takeup location = manual on return
- ▶ Drive snub = no



Profile 2

Type = Head/Drive with Snub and Manual/Screw Take-Up

- ▶ Drive location = head/discharge
- ▶ Takeup location = manual at tail
- ▶ Drive snub = yes

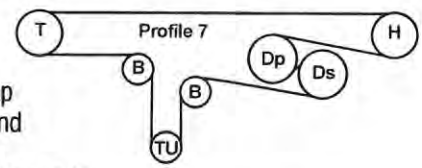


Profile 7

Type = Primary and Secondary Wrap Drives (on return) and Automatic Take-Up (commonly called "S" or "Z"

Drives - as used in underground mining conveyors)

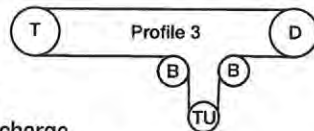
- ▶ Drive location = (2) primary and secondary wrap on return
- ▶ Takeup location = automatic on return
- ▶ Drive snub = no



Profile 3

Type = Head/Drive with Automatic/Gravity Take-Up

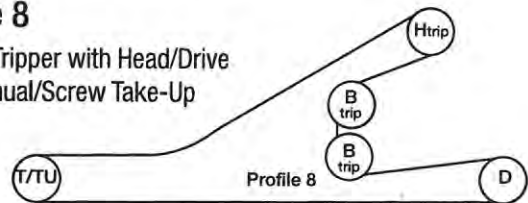
- ▶ Drive location = head/discharge
- ▶ Takeup location = automatic on return
- ▶ Drive snub = no



Profile 8

Type = Tripper with Head/Drive and Manual/Screw Take-Up

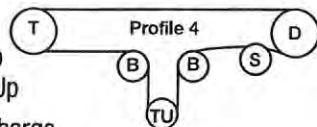
- ▶ Drive location = head/discharge
- ▶ Takeup location = manual on tail
- ▶ Drive snub = no as shown (but could be yes)



Profile 4

Type = Head/Drive with Snub and Automatic/Gravity Take-Up

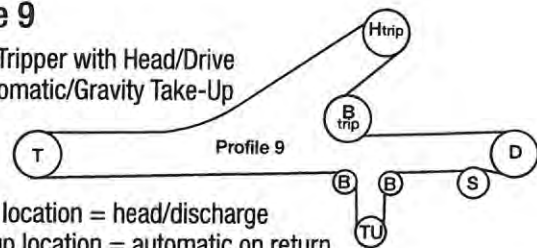
- ▶ Drive location = head/discharge
- ▶ Takeup location = automatic on return
- ▶ Drive snub = yes



Profile 9

Type = Tripper with Head/Drive and Automatic/Gravity Take-Up

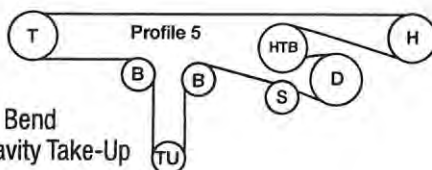
- ▶ Drive location = head/discharge
- ▶ Takeup location = automatic on return
- ▶ Drive snub = yes as shown (but could be no)



Profile 5

Type = Wrap Drive (on return) with Snub and HT Bend and Automatic/Gravity Take-Up

- ▶ Drive location = wrap on return
- ▶ Takeup location = gravity on return
- ▶ Drive snub = yes



Profile 10

Type = Reversing/Tail Drive

- ▶ Drive location = tail
- ▶ Takeup location = manual at head
- ▶ Drive snub = no as shown (but could be yes)



NOTE: For Horizontal applications only (no lift/incline).