



Design Worksheets for Bucket Elevators

Question

When I'm working with an end user at their plant, I need a worksheet for bucket elevators to remind me of all the dimensions and operating information that must be collected. I want to be sure I obtain accurate data for a new or replacement bucket elevator. Does KWS have a set of questions or a worksheet that I can use so I capture the correct dimensions and parameters?

Answer

KWS provides design worksheets to assist you in collecting the necessary information for new and replacement bucket elevators. Properly designing a bucket elevator requires a complete understanding of the bulk material characteristics, capacity requirements, lift height, inlet and discharge conditions, operating schedule, and environmental factors. These details directly impact bucket selection, belt or chain type, casing design, and drive sizing.

KWS provides a comprehensive Bucket Elevator Design Worksheet to help you collect the precise information required. Bucket elevators play a critical role in many bulk material handling systems because they vertically elevate bulk materials efficiently and are often subjected to continuous duty, varying feed conditions, and demanding environments. Proper design is essential to ensure reliable operation and long service life.

Supplying this information enables our sales and engineering teams to accurately select the elevator type, bucket style and spacing, belt or chain configuration, and properly size the drive components for peak loading conditions.

The Bucket Elevator Design Worksheet and additional technical resources are available at www.kwsmfg.com/forms-and-downloads/. Completing the worksheet ensures an accurate price and design engineered specifically for your application.



KWS Bucket Elevator Design Worksheet Helps Collect Critical Information for Proper Design



Bucket Selection, Casing Size, and Operating Conditions Must Be Known for a Successful Project



KWS Manufacturing

3041 Conveyor Drive
Burlleson, Texas 76028

Toll Free: (800) 543-6558
Phone: (817) 295-2247
Fax: (817) 447-8528

www.kwsmfg.com