

SUCCESS STORY

Length measurement system



AN ISO 9001:2015 Certified Company

Customer

Engineering Industry

Customer requirements

Cut the material accurately with predefined length on extrusion machine

Orchid Solution :

Measuring wheel assembly with encoder(German technology)

Customer Benefits

- Slippage on product will be negligible
- Increase quality control
- Improve productivity
- Save Inventory cost
- Reduce maintenance time

Product features

- Flexible fasting in spring arm
- Diamond knurl shaped measuring wheel
- Material of wheel body : Aluminium
- Measuring wheel weight is lower 775 gram
- Coating hardness - Shore A 90
- Spring arm can be installed in any 8 setting positions in 45 deg. steps


Products Look



Learn More

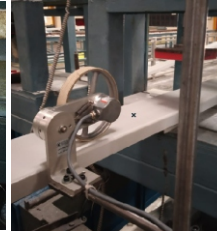
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Some other applications

- Irrigation industry
- Pipe machinery - EU & OEM
- Engineering process industry
- SPM machine mfg - OEM
- Paper & pulp industry
- Textile industry
- Tyre industry
- Converting & printing machines



Application

Cut the material accurately with predefined length on extrusion machine

Challenge

In past customer using rubber measuring wheel , hence they facing issue of slippage & due to slippage there are more errors in length variation & if length variation comes then it chances that length of product is not as user require. so they want solution with negligible slippage which can be manageable.

Solution

By using spring arm assembly with diamond knurl measuring wheel and it has unique features like force sustain capacity is high because of position setting. It has also unique spring is used that is made from unique metals. because of diamond knurl measuring wheel slippage issue reduce up to 99% (depend on product surface). Also We have shown in picture past and present using system

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