

Dynamic MAXDRIVE V-Belt Installation Guide

Pre-Installation Checklist

- Turn off and lock out all power to the machine
- Inspect pulleys/sheaves for wear, cracks, rust, or buildup
- Verify that pulley grooves match the belt section (A/B/C)
- Ensure shafts are parallel and pulleys are aligned
- Clean pulleys with a dry cloth - avoid oil, grease, or solvents
- Check for proper tensioning tools or tension gauge

Tools Required

- Belt tension gauge or spring scale
- Straight edge or laser alignment tool
- Socket wrench or spanner
- Safety gloves and goggles

Step-by-Step Installation Procedure

1. Release Tension

Loosen the motor mount or adjustment bracket to reduce tension on the old belt. Remove any belt guards or safety covers.

2. Remove the Old Belt

Carefully slide the existing belt off the pulleys. Do not pry the belt with sharp tools.

3. Inspect Components

Check both pulleys and bearings for misalignment or damage. Replace worn parts.

4. Install the New Dynamic MAXDRIVE Belt

Loop onto the smaller pulley first, then rotate the larger pulley to slide the belt on. Never use sharp tools.

5. Set Proper Tension

Use a tension gauge. For small setups, 10-15 mm belt deflection with moderate thumb pressure.

6. Align the Pulleys

Use a straight edge or laser to ensure pulleys are parallel and aligned.

7. Secure and Test

Tighten all bolts, reinstall safety covers, and test for slippage or vibration.

Post-Installation Tips

- Recheck belt tension after 24 hours
- Keep belt clean and dry
- Replace belts in sets
- Record installation date and inspect regularly

Do Not

- Do not over-tighten the belt
- Do not use non-matching belt sizes
- Do not mix different belt brands
- Do not apply lubricant on the belt
- Do not operate without safety guards

Need Assistance?

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