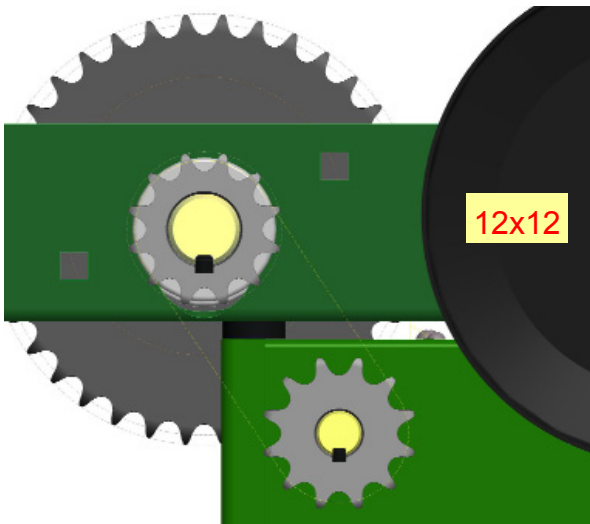


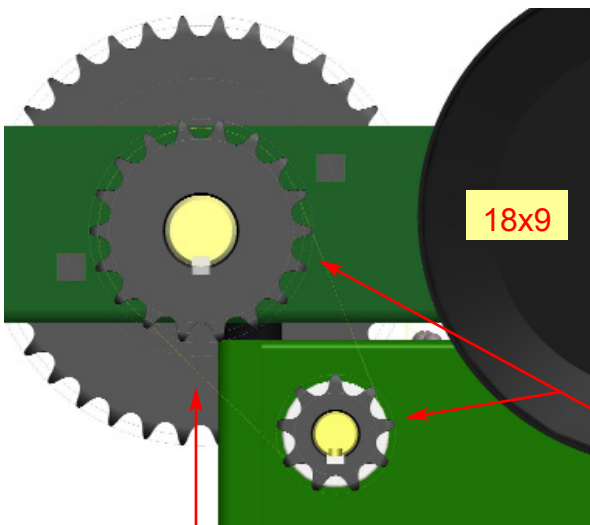
Product Announcement

Limit Shaft Speed-Up for Trolley Apartment Applications

Old Sprocket & Chain Combination >>>



New Sprocket & Chain Combination >>>



A 28-pitch chain is used instead of a 26-pitch chain

Ratio to drive the limit shaft was changed from 12x12 to 18x9

Manaras-Opera's Trolley Apartment Limit Shaft Speed-Up

Responding to your needs, Manaras-Opera is pleased to announce that they have improved the sprocket combinations for the limit system on their Trolley Apartment applications, MTH/MTBH - APE/APT, in order to increase the limit shaft speed.

New Features

- By increasing the limit shaft speed, the cam's speed on the limit shaft is increased.
- The increased speed improves the accuracy of the limit system.
- This is beneficial for relatively small doors (6-8ft tall), where the cam's travel is also relatively small.
- This has no effect on the door speed.

Also available

- The limit shaft speed-up is also available as a modification:
MOD 112 (for jackshafts): OMJ/OMH/OPJ/OHJ/OPH/OSH,
MOD 112A (for trolleys): MTH/MTBH or
MODKIT 112A: retrofit kit for existing MTH/MTBH operator upgrades in the field.

This improvement is available as of March 30, 2009.
For further information, please contact your Manaras-Opera sales representative.

Toll free number: 800 - 361 - 2260
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