

M-TO-MX UPGRADE PATH

FOR 1100M AND 770M

UPGRADE OVERVIEW



STEPPER MOTORS

R8 SPINDLE

SERVO MOTORS

R8 SPINDLE

SERVO MOTORS

BT30 SPINDLE, ENCODER, AND POWER DRAWBAR

REQUIRED PRODUCTS

1 CONTROL BOARD UPGRADE



NOTE:

LOOK AT THE CONTROL BOARD IN THE MILL'S ELECTRICAL CABINET. ECM1v1.4 BOARDS REQUIRE AN UPDATE TO INSTALL SERVOS:

- ECM1v1.5 UPDATE KIT (PN 39257)

2 SERVO MOTOR UPGRADE

- **1100M+** SERVO UPGRADE KIT (PN 39274)
- **770M+** SERVO UPGRADE KIT (PN 39275)

NOTE:

YOU NEED AN AUTOMATIC OILER WHEN UPGRADING TO SERVO MOTORS:

- **1100M** AUTOMATIC OILER KIT 230V (PN 38255)
- **770M** AUTOMATIC OILER KIT 115V (PN 38254)

3 BT30 SPINDLE UPGRADE

BOTH ITEMS REQUIRED:

- BT30 SPINDLE AND ENCODER UPGRADE KIT FOR **1100MX** (PN 50472) OR **770MX** (PN 50473)



- MAKE YOUR POWER DRAWBAR COMPATIBLE WITH A BT30 SPINDLE WITH A **BT30 POWER DRAWBAR UPGRADE KIT** (PN 50474)

OR

- **1100 POWER DRAWBAR** (PN 31706) / **770 POWER DRAWBAR** (PN 32436) AND **BT30 POWER DRAWBAR UPGRADE KIT** (PN 50474)

ACCESSORIES

AUTOMATIC TOOL CHANGER UPGRADE FROM M/M+ TO MX

COMPATIBILITY: R8 SPINDLE

- **1100M, 1100M+** AUTOMATIC TOOL CHANGER (PN 38400)
- **770M, 770M+** AUTOMATIC TOOL CHANGER (PN 38401)

COMPATIBILITY: BT30 SPINDLE

- **1100MX** BT30 AUTOMATIC TOOL CHANGER UPGRADE KIT (PN 50393)
- **770MX** BT30 AUTOMATIC TOOL CHANGER UPGRADE KIT (PN 50394)

NOTE:

YOU'LL BE ABLE TO UPGRADE YOUR AUTOMATIC TOOL CHANGER FOR 1100M+ OR 770M+ TO BE COMPATIBLE WITH A BT30 SPINDLE:

- **1100MX** R8-TO-BT30 AUTOMATIC TOOL CHANGER UPGRADE KIT
- **770MX** R8-TO-BT30 AUTOMATIC TOOL CHANGER UPGRADE KIT