



Data Sheet

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DS-4005	04/19/96	03/02/10

WATEROUS FIRE PUMP SHIFT OPTIONS

DESCRIPTION: WATEROUS HAS FOUR METHODS OF SHIFTING FIRE PUMP TRANSMISSIONS FROM ROAD TO PUMP AS FOLLOWS:

Manual

The shift arm position is changed manually through a series of linkages (Waterous does not supply linkage). Indicating lights are provided to indicate completed shift.

Electric

An electric actuator changes the shift arm position by means of an in-cab mounted switch. Indicating lights are provided to indicate completed shift. Manual override linkage may be attached to shift arm. Waterous does not supply linkage.

Pneumatic

The apparatus air system is employed to change the shift arm position by means of an in-cab mounted switch. Indicating lights are provided to indicate completed shift. Manual override linkage may be attached to shift arm. Waterous does not supply linkage.

SPECIFY A PUMP SHIFT OPTION BASED ON PUMP TRANSMISSION AS FOLLOWS:

Pumps with C20 Series Transmissions or TC20 Series PTO's

SHIFT TYPE

Pneumatic or No Shift

INDICATING LIGHTS (PER NFPA 1901)

- Pneumatic:** With in-cab and operator's (Throttle Ready) panel
- With in-cab panel only, less operator's (Throttle Ready) panel
- Without panels (OEM to furnish)

Manual: Not applicable

SYSTEM VOLTAGE

12 volt or 24 volt

OPTIONAL AIR COMPRESSOR KIT (PNEUMATIC SHIFT ONLY)

Consists of a 12 Volt compressor (6.00" L x 3.30" W x 4.90" H), .50 gallon air tank (6.00" L x 6.50" W x 7.00" H) and on-board air hook-up kit.

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Pumps with WB Series Transmissions

SHIFT TYPE

Manual or Electric

INDICATING LIGHTS (PER NFPA 1901)

Manual: With in-cab and operator's (Throttle Ready) panel

Electric: With in-cab and operator's (Throttle Ready) panel
Without panels (OEM to furnish)

SYSTEM VOLTAGE

12 volt or 24 volt

NOTE: The following pumps do not require a pump shift option (PTO driven or direct engine mounted):

Pumps with K Series Transmissions

Pumps with T Series Transmissions

Pumps with P Series Transmissions

Direct Drive ``D" Pumps, unless a Waterous TC20 series PTO is used, then the shift is specified with the PTO.