



# Design and Manufacture by Northwest Tech-Con Systems Ltd.



New Technology Makes Simple and Reliable

## CONTRACTOR MODEL

### FUEL OIL TRANSFER PUMP SET for Main Tank to Day Tank

### FTS

Model: S-FTS 120/SK-C Single Pump and D-FTS 120/SK-C Duel Pump System

Model: FTS fuel oil transfer skid is specially design state of art simplex and duplex sequencing and monitoring system for mechanical contractors to transfer diesel fuel from main tank to day tank. This system includes full automatic function and user friendly. The automatic transfer pump set includes external probe test function without dismantling. It is factory packaged, pre-engineered, pre-wired and includes pump and new advanced level probe and control. NWTC factory is located in Burnaby B.C. Canada.

### CONTROL PANEL

- Fully automatic operate system
- Micro processor based
- H O A selector switches
- System operation test and probe level test
- 30 seconds to test entire system operation
- Lead, lag, alternate (duplex only)
- System operation and alarm status
- Front system graphic and LED indicator
- LED test function
- Dip tray leak detection alarm
- Level diagnosis and probe test warning
- Visual and audible alarm warning signal
- Build in HMI screen

### NTS 3400T PROBE

- Level probe build with test mechanical system
- Level test without dismantling
- Push and pull rod on top of probe
- Micro process detect level malfunction
- Build-in hermetically seal reed switches,
- activate magnetic float within the stem

### PACKAGE INCLUDE

- Heavy duty steel flame
- Tuthill rotary gear pump coupled with 120 V .5 HP motor
- State of art control panel
- New advanced probe, NTS 3400T
- Fuel dip tray and leak level probe
- Manual ball valves, check valves, pressure gauge
- 1" suction and discharge for union for external connection



### PROBE SPECIFICATIONS

Bushing	2" NPT
Stem	Brass or Stainless Steel
Float	Poly Urethane
Length	16 in. to 8 ft.
Pressure	0 – 200 PSI
Temperature	-10°C to 80°C

### APPLICATIONS

- Fuel oil handling
- Diesel generator
- Boilers
- Oil burners
- Oil furnace
- Custom Engineering
- Many other applications



**NOTE: Not Recommended for Gasoline, Alcohol, Kerosene and Pentane**

**Northwest Tech-Con Systems Ltd.**

# FUEL AND LUBE OIL TRANSFER PUMP SET (PACKAGE)

## ORDER FORM

### PACKAGE INCLUDE

- Steel frame
- Fuel gear transfer pump
- State of art control panel
- Dip tray and leak probe
- Pipe assembly includes ball valve, pressure gauge, check valve
- Advanced new NTS 3400T probe

### SIZE

Gross Weight	50 LB
Construction	4 Channels

Please select and fill out following information before order. NWTC will confirm price once we get your information.

### Pump

1

2

3

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