

# Foot Controls



When an operator has both hands busy (while cleaning tubes and pipes, for example) a **foot control valve** lets him control the water flow. NLB offers five models — dump-style and shut-off style — for applications from 10,000 to 40,000 psi (700 to 2,800 bar).

Dump-style valves allow instantaneous dump to low pressure when the foot pedal is released, and include a muffler to minimize hydraulic shock. Shut-off valves minimize the water in the work area because the dump is initiated some distance away, by an unloader valve.

## ADVANCED FEATURES FOR FIELD REPAIR AND OPERATOR PROTECTION

NLB's 286 series foot control valves are designed for maximum operator protection and productivity. A patented pedal design (U.S. patent no. 5,636,789) lets you dump pressure immediately by simply pushing the pedal forward. These valves also have dual dump ports

for superior stability in dump mode and are constructed from corrosion-resistant materials.

One of the most popular features of these valves is a unique quick-change cartridge that you can replace in the field in less than 60

seconds. It is available in all four models, whose operating pressures range from 10,000 psi (700 bar) to 40,000 psi (2,800 bar). Please refer below for features and benefits, and to the tables on the facing page for key specifications.

### Dual Dump Ports

Increased stability in "dump" mode

### Wetted Parts

Stainless steel for durability

### Foot Pedal

- Minimal pressure
- Instant dump when released

### Enclosure

Doubles as handy carrying case



### Field repairable in under a minute

All NLB dump-style foot controls are now field-repairable in less than 60 seconds, thanks to our exclusive quick-change cartridge valve. This cartridge valve, the same one used in our 286 series lances, simply screws in and out.

Operators will also appreciate the extra protection of NLB's patented pedal design, which lets them force the valve into dump mode.



## FC15-286



Type	Pressure Rating	Max. Flow	Weight	Inlet Connection	Outlet Connection	Replacement Cartridge
<b>Dump</b>	15,000 psi (1,035 bar)	25 gpm (95 lpm)	21 lbs. (9.5 kg)	1/2" MNPT	1/2" MNPT	BM15915

Patent No. 5,636,789

## FC10-800



Type	Pressure Rating	Max. Flow	Weight	Inlet Connection	Outlet Connection	Replacement Cartridge
<b>Dump</b>	10,000 psi (700 bar)	80 gpm (303 lpm)	27 lbs. (12.3 kg)	1" NPT Male	1" NPT Male	BM16345

Patent No. 5,636,789

## FC-300



Type	Pressure Rating	Max. Flow	Weight	Inlet Connection	Outlet Connection	Rebuild Kit
<b>Dry Shut-Off</b>	10,000 psi (700 bar)	34 gpm (129 lpm)	30 lbs. (13.6 kg)	1/2" NPT Male	1/2" NPT Male	300ARBKT

NOTE: Dry shut-off foot controls require a UL-904 unloader valve to dump pressure (see page 29).

## FC24-286



Type	Pressure Rating	Max. Flow	Weight	Inlet Connection	Outlet Connection	Replacement Cartridge
<b>Dump</b>	24,000 psi (1,680 bar)	35 gpm (133 lpm)	31 lbs. (14 kg)	1"-12 UN Female	1"-12 UN Female	BM19524

Patent No. 5,636,789

## FC40-286



Type	Pressure Rating	Max. Flow	Weight	Inlet Connection	Outlet Connection	Replacement Cartridge
<b>Dump</b>	40,000 psi (2,800 bar)	10 gpm (38 lpm)	31 lbs. (14 kg)	9/16" HP Type M Male	9/16" HP Type Female	BM20935

Patent No. 5,636,789