Neptune offers a complete line of packaged chemical feed systems with or without containment.

**Polyethylene Tank System**
- Single pump
- Corrosion resistant poly base
- Containment available

**Polyethylene Tank System**
- Dual pumps

**Nimble Skid Flexible Pump Packages**
- Two, three or four pump units
- Corrosion resistant poly base
- Containment available

**Portable Mini-Tank Feeders**

**Closed Containment Feed System**
Neptune recommends the pump be mounted for a flooded suction. Flooded suction is the optimum operating condition for a metering pump. Side mounting the pump allows easy access for maintenance.

Standard equipment included with each feed system:

**TOP MOUNTED CHEMICAL FEED SYSTEMS**

Mounting the pump on top of the solution tank is a space saving and economical approach to packaged chemical feed systems.

Standard equipment included with each feed system:
- Tank
- Hinged cover
- Suction piping
- Steel tank stand
- 1/2" drain connection

**BOTTOM or SIDE MOUNTED CHEMICAL FEED SYSTEMS**

**POLYETHYLENE, BOTTOM MOUNTED**
- Polyethylene tank & frame
- Agitator bracket
- Cover (hinged 100 gal. and larger)
- PVC suction valve
- Cast iron "Y" strainer
- PVC suction piping
- 1/2" drain connection

**STAINLESS STEEL, BOTTOM MOUNTED**
- Tank, 304SS or 316SS
- Tank lid (hinged) & stand
- Gauge glass (non valve type)
- PVC suction valve
- Poly "Y" strainer
- PVC suction piping
- 1/2" drain connection

**STAINLESS STEEL, SIDE MOUNTED**
- Tank, 304SS or 316SS
- PVC suction valve
- Tank lid (hinged) & stand
- Poly "Y" strainer
- PVC suction piping
- 1/2" drain connection

**POLYETHYLENE AND STAINLESS STEEL SIDE MOUNTED UNITS**

Tanks and accessories for side mounted units are identical to the bottom mounted tanks shown above. A two-legged side platform pins to the tank legs and is sized to accommodate one, two, three, or more pumps. Unit is fully assembled and piped. The suction piping is disconnected and the pins are removed, allowing the unit to ship as two pieces, which are readily reconnected in the field.

<table>
<thead>
<tr>
<th>Model No.†</th>
<th>Capacity (Gallons)</th>
<th>Tank Material</th>
<th>Shell Thickness</th>
<th>Dimensions (inches)</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
</tr>
</thead>
<tbody>
<tr>
<td>50PT</td>
<td>50</td>
<td>Polyethylene</td>
<td>3/4&quot;</td>
<td>61</td>
<td>33</td>
<td>22</td>
<td>16.5</td>
<td>27</td>
<td></td>
<td></td>
</tr>
<tr>
<td>100PT</td>
<td>100</td>
<td>Polyethylene</td>
<td>3/4&quot;</td>
<td>75</td>
<td>46</td>
<td>28</td>
<td>16.5</td>
<td>31</td>
<td></td>
<td></td>
</tr>
<tr>
<td>167PT</td>
<td>167</td>
<td>Polyethylene</td>
<td>3/4&quot;</td>
<td>84</td>
<td>56</td>
<td>30</td>
<td>22</td>
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</tr>
<tr>
<td>260PT</td>
<td>260</td>
<td>Polyethylene</td>
<td>3/4&quot;</td>
<td>82</td>
<td>55</td>
<td>30</td>
<td>26</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>500PT</td>
<td>500</td>
<td>Polyethylene</td>
<td>3/4&quot;</td>
<td>94</td>
<td>61</td>
<td>53</td>
<td>32</td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

Tanks in sizes to 500 gallons available.

Specify side platform and the number of pumps (SP-1, SP-2, etc.) to complete ordering information.

**TOP MOUNTED CHEMICAL FEED SYSTEMS**

Mounting the pump on top of the solution tank is a space saving and economical approach to packaged chemical feed systems.

Standard equipment included with each feed system:
- Tank
- PVC foot valve strainer
- Suction piping
- Steel tank stand
- 1/2" drain connection

<table>
<thead>
<tr>
<th>Model No.†</th>
<th>Capacity (Gallons)</th>
<th>Tank Material</th>
<th>Shell Thickness</th>
<th>Dimensions (inches)</th>
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<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
</tr>
</thead>
<tbody>
<tr>
<td>TM 50PT</td>
<td>50</td>
<td>Polyethylene</td>
<td>3/4&quot;</td>
<td>41</td>
<td>33</td>
<td>24</td>
<td>15.5</td>
<td>56</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TM 100PT</td>
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<td>Polyethylene</td>
<td>3/4&quot;</td>
<td>55</td>
<td>47</td>
<td>30</td>
<td>20</td>
<td>70</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TM 50SST-304</td>
<td>50</td>
<td>304SS</td>
<td>16 gauge</td>
<td>37</td>
<td>29</td>
<td>25</td>
<td>16.5</td>
<td>52</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TM 100SST-304</td>
<td>100</td>
<td>304SS</td>
<td>16 gauge</td>
<td>45</td>
<td>37</td>
<td>31</td>
<td>20</td>
<td>60</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Tanks in sizes to 250 gallons available.

†Stainless steel tanks available in 316SS. To order replace 304 in model number with 316.
**PORTABLE MINI-TANK FEEDERS**

Mini-tank system offers portability and economy. Compact 24” wide, 36” long, 30” high size fits through doorways, in elevators and allows installation in small areas. Tank removes from base for ease of transport and handling. All units include polypropylene suction piping with isolation valve and “Y” strainer.

- Total weight: 40 lbs. plus pump
- Use with electronic or motor driven pumps
- 8” manway standard
- Containment available (41”L x 26”W x 13”H)
- Agitator—optional
- Calibration column—optional

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**Containment Feed Systems**

**Purpose**

Neptune Containment Feed Systems are completely packaged chemical feed systems mounted within a containment. The feed tanks are translucent polyethylene, making liquid level readily visible.

The narrow design fits doorways and elevators. Containment feed systems are ideal for drumless chemical programs.

**Benefits**

- Provides complete, packaged chemical feed system
- Efficiently contains chemical leaks or spills
- Allows total reclamation of any spilled chemical
- Improves housekeeping and maintenance
- Easy access to pumps
- Containment tank volume is 115% of feed tank volume

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**Model MT-30**

- Total weight: 40 lbs. plus pump
- Use with electronic or motor driven pumps
- 8” manway standard
- Containment available (41”L x 26”W x 13”H)
- Agitator—optional
- Calibration column—optional

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**Options and Accessories**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>MT-30</td>
<td>30 Gallon System includes polypropylene suction piping with isolation valve and “Y” strainer (pump not included)</td>
</tr>
<tr>
<td>MT-30T</td>
<td>30 Gallon Molded Tank and Base Only</td>
</tr>
</tbody>
</table>

May be used with Series PZ Electronic Diaphragm Pumps or Series 500E/500A Hydraulic Diaphragm Pumps.
TYPE ECS SYSTEM

ECS Containment Feed Systems consist of a cylindrical feed tank mounted in a rectangular containment tank and a pump shelf.

Each ECS System includes PVC suction tubing, PVC ball valve, PVC “Y” strainer and a PVC foot valve (required when level in feed tank drops below pump inlet).

Dome top tanks have 7” threaded manway with vent.

<table>
<thead>
<tr>
<th>MODEL</th>
<th>COVER STYLE</th>
<th>CAPACITY (GALLONS)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>DAY TANK</td>
</tr>
<tr>
<td>ECS-65D</td>
<td>DOME</td>
<td>65</td>
</tr>
<tr>
<td>ECS-115D</td>
<td>DOME</td>
<td>115</td>
</tr>
</tbody>
</table>

TYPE EC

Economy EC units are available with one or two feed tanks in a single containment tank. They may be specified with single or dual feed tanks.

No accessories are included. Molded cover provides mounting area for pump and mixer, plus 1” and 4” fill ports with caps.

<table>
<thead>
<tr>
<th>MODEL</th>
<th>COVER STYLE</th>
<th>CAPACITY (GALLONS)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>DAY TANK</td>
</tr>
<tr>
<td>EC-50-1</td>
<td>MOLDED</td>
<td>50</td>
</tr>
<tr>
<td>EC-65-1</td>
<td>MOLDED</td>
<td>65</td>
</tr>
</tbody>
</table>

ECS & EC

NOTE: SYSTEM IS SHOWN WITH OPTIONAL PUMP

<table>
<thead>
<tr>
<th>MODEL</th>
<th>DIMENSIONS (INCHES)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>A</td>
</tr>
<tr>
<td>ECS-65D</td>
<td>41</td>
</tr>
<tr>
<td>ECS-115D</td>
<td>39</td>
</tr>
<tr>
<td>EC-50-1</td>
<td>33</td>
</tr>
<tr>
<td>EC-65-1</td>
<td>41</td>
</tr>
</tbody>
</table>
**Nimble Skid Flexible Pump Packages**

Neptune’s Nimble Skid Flexible Pump Packages are available with two, three or four pumps. Compact and easily customized with your choice of piping materials, accessories and controls.

**Features**
- Quick delivery
- Corrosion resistant poly base
- 18” or 24” wide
- Containment available
- 30”, 36” or 46” long
- 2000 lb. load capacity

**Economy Feed Systems**

Priced for the Economy Water Treatment Job

**ST TANKS – Use with Series PZ Pumps**
- ST-30 – 30 gallon
- ST-50 – 50 gallon
- Package includes:
  - High density polyethylene tank with cover
  - Cover cutout for mixer and pump suction line
  - 1" and 4" fill ports with caps

**ET-P TANKS – Use with Series 500, 500A or 500E “dia-Pumps”**
- 50 gallon only
- Model ST-50 (above) plus:
  - Rigid PVC suction assembly
  - PVC foot valve strainer
  - Pump mounting plate
  - Stainless steel lid reinforcing bars

**Eze Grab Pump Platforms**

Single piece, molded polyethylene base with handles allows the pump to be lifted and moved easily. Also provides an elevated platform for use indoors or outdoors when other mounting is not available.

- Use with bulk or semi-bulk tanks or drums
- Convenient for trials or temporary installations
- Four point contact allows clearance for washdown under base

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**Part No.** | **Description**
--- | ---
106874 | Platform Only*  
*Fits all Series 500S and 500D models.
*Specify adaptor kit part #003582 to adapt Series 500A, 500E or Series 560 duplex.
Closed Containment Units

- Boiler or cooling tower controls and pushwater piping can be completely installed within containment
- Optional hasps allow locking to prevent unauthorized access to pumps or controls
- Gasketed cover with latches allows reclaim of uncontaminated chemical in the event of leakage or spillage

OUTDOOR—Prevents rainwater and debris from collecting in the containment

INDOOR—Prevents containment from becoming a convenient refuse receptacle

Standard unit includes containment basin, 60 or 90 gallon tank with gasketed cover for containment area held in place with latches. Each unit includes polypropylene suction piping with 1/2” polypropylene valve and strainer. Flexible polyethylene hose with 1/2” threaded connector is provided from the strainer to the pump.

OPTIONS AND ACCESSORIES

<table>
<thead>
<tr>
<th>MODEL</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDA-50C</td>
<td>Double wall discharge line 20' long</td>
</tr>
<tr>
<td>HASP</td>
<td>Hasps for padlocking lid to base</td>
</tr>
<tr>
<td>CC-1</td>
<td>100 ml. calibration cylinder with isolation valve</td>
</tr>
<tr>
<td>CC-2</td>
<td>250 ml. calibration cylinder with isolation valve</td>
</tr>
<tr>
<td>CSA-1.0</td>
<td>Mixer, direct drive, 4” prop 316SS propeller and shaft Motor with cord and plug 1/4hp-1ph-60hz-115/230v-TEFC</td>
</tr>
</tbody>
</table>