**Technical Data**

**Jetting & Vacuum truck (Sewer cleaning industrial vehicle)**

**1 unit**

1. **Chassis**
* Axle: 6x4
* suspension: Air spring suspension
1. **Tank**
	* Total capacity: 12-18 m3
	* Tank must be divided in two parts:
		1. water tank: 6-10 m3
		2. Sludge tank: 6-8 m3
	* 4-inch (10.16cm) high-pressure suction hose with pneumatic valve
	* 6-inch (15.24cm) outlet hose with pneumatic valve
2. **Vacuum system**
	* type: rotoral vacuum pump with air cooling system
	* flow rate: > 1500 m3/h
	* maximum vacuum: 90 or more
	* Sludge pumping depth: > 10 m
	* sludge pumper must also pump dry air
3. **Suction hose and hydraulic bearings**
	* Diameter : 120 mm
	* Triple side operating system (3000)
4. **High pressure line**
	* Power: > 100 Kwt
	* Max. Flow Rate: > 346 l/min
	* Max. Pressure: 250 bar
5. **High pressure main hose**
	* 1800 operating
	* Length: 100-120 metre
	* Diameter: 2.54 – 3.81 cm (1-11/2 inch)
	* Manual operating hose: 50-60m. Diameter: 1.27 cm (1/2 inch)
6. **Accesories**
* Nozzles

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Photo** | **Description** | **QTY** | **Hose con.** | **Minimum****/GPM** | **Pipe Diameter** | **Dimensions** | **Weight** | **Rear Jets** | **Front Jets** | **Radial Jets** | **Tier** |
|  | Pipe wolf nozzle 3D | 2PCS | 1 ¼ “  | 80 | 8”-24” | 7.48”X3.74” | 11.9lbs. | 6 | 3 |  | 3 |
|  | Pipe wolf nozzle 3D | 2PCS | 1” | 60 | 6”-15” | 6.29”X2.83” | 5.73lbs. | 6 | 3 |  | 3 |
|  | CHISEL NOZZLE | 2PCS | 1” | 60 | 8”-20” | 6.29”X2.95” | 5.51lbs. | 6 | 5 | \_\_\_ \_ | 2 |
|  | CHISEL NOZZLE | 2PCS | 1” | 80 | 8”-15” | 3.74”X2.36” | 1.50lbs. | 8 | 4 | \_\_\_ \_ | 2 |
|  | RADIAL CHISEL NOZZLE | 2PCS | 1” | 80 | 8”-20” | 6.29”X2.95” | 5.51lbs. | 6 | 5 | 6 | 2 |
|  | RADIAL CHISEL NOZZLE | 2PCS | ¾” | 30 | 6”-12” | 4.13”X2.36” | 2.42lbs. | 6 | 5 | 6 | 2 |

* Reducer & Collar

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| **ENLARGING COLLAR – STAINLESS STEEL** |
|  |  |  | **Quantity** |
| ¾” male | → | 1” female | 2 PCS |

|  |
| --- |
| **REDUCER – STAINLESS STEEL** |
|  |  |  | **Quantity** |
| 1 ¼ ” male | → | 1” female | 2 PCS |

1. **Special Demands**
* Both: vehicle and jetting & vacuum equipment units must be produced either in the EU, Japan or in any country on Northern American continent
* special coaching and trainings to be performed by Coach certified by manufacture factories.
* a supplier must have 30-year experience of manufacturing similar/analogous equipment.
1. **Preferred Demands**
* Warranty should cover vehicle and jetting & vacuum unit across of Georgia (in case of other country, every expanses including transportation and lead time must be covered by a supplier).

**Jetting & Vacuum truck (Sewer cleaning industrial vehicle)**

**1 unit**

1. **Chassis**
* Axle: 6x2
* Suspension: Air spring suspension
1. **Tank**
* tank capacity: 12-18 m3
	+ tank must be divided in two parts:
		1. water tank: 6-10 m3
		2. sludge tank: 6-8 m3
	+ 4-inch (10.16cm) high-pressure suction hose with pneumatic valve
	+ 6-inch (15.24cm) outlet hose with pneumatic valve
1. **Vacuum System**
	* type: rotoral vacuum pump with air cooling system
	* flow rate: > 1500 m3/h
	* maximum vacuum 90 and more
	* sludge pumping depth: > 10m
	* sludge pump must also pump dry air
2. **Suction hose and hydraulic bearings**
	* diamterer: 120 mm.
	* Triple side operating system (3000)
3. **High-pressure line**
	* power: > 100 kwt
	* maximum flow rate: > 346 l/min
	* maximum pressure: 250 bar
4. **High-pressure main hose**
	* 1800 operating
	* length: 100-120 meter
	* diameter: 2.54 – 3.81 cm. (1-11/2 inch)
	* manual operating hose: 50-60 meter, dimater: 1.27cm (1/2 inch)

7. **Accesories:**

* Nozzles

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Photo** | **Description** | **QTY** | **Hose con.** | **Minimum****/GPM** | **Pipe Diameter** | **Dimensions** | **Weight** | **Rear Jets** | **Front Jets** | **Radial Jets** | **Tier** |
|  | Pipe wolf nozzle 3D | 2PCS | 1 ¼ “  | 80 | 8”-24” | 7.48”X3.74” | 11.9lbs. | 6 | 3 |  | 3 |
|  | Pipe wolf nozzle 3D | 2PCS | 1” | 60 | 6”-15” | 6.29”X2.83” | 5.73lbs. | 6 | 3 |  | 3 |
|  | CHISEL NOZZLE | 2PCS | 1” | 60 | 8”-20” | 6.29”X2.95” | 5.51lbs. | 6 | 5 | \_\_\_ \_ | 2 |
|  | CHISEL NOZZLE | 2PCS | 1” | 80 | 8”-15” | 3.74”X2.36” | 1.50lbs. | 8 | 4 | \_\_\_ \_ | 2 |
|  | RADIAL CHISEL NOZZLE | 2PCS | 1” | 80 | 8”-20” | 6.29”X2.95” | 5.51lbs. | 6 | 5 | 6 | 2 |
|  | RADIAL CHISEL NOZZLE | 2PCS | ¾” | 30 | 6”-12” | 4.13”X2.36” | 2.42lbs. | 6 | 5 | 6 | 2 |

* Reducer and collar

|  |
| --- |
| **ENLARGING COLLAR – STAINLESS STEEL** |
|  |  |  | **Quantity** |
| ¾” male | → | 1” female | 2 PCS |

|  |
| --- |
| **REDUCER – STAINLESS STEEL** |
|  |  |  | **Quantity** |
| 1 ¼ ” male | → | 1” female | 1. PCS
 |

8. **Special demands**

* Both: vehicle and jetting & vacuum equipment units must be produced either in the EU, Japan or in any country on Northern American continent
* special coaching and trainings to be performed by Coach certified by manufacture factories.
* a supplier must have 30-year experience of manufacturing similar/analogous equipment.
1. **Preferred demands**
* Warranty should cover vehicle and jetting & vacuum unit across of Georgia (in case of other country, every expanses including transportation and lead time must be covered by a supplier).

**Jetting & Vacuum small truck (Sewer cleaning industrial vehicle)**

**1 unit**

1. **Chassis:**
* Axle: 4x4 wheels
* suspension: air spring suspension
1. **Tank:**
	* Total capacity: 7-11 m3
	* Tank must be divided in two part:
		1. water tank: 3-5 m3
		2. sudge tank: 4-6 m3
	* 4-inch (10.16cm) high-pressure suction hose with pneumatic valve
	* 6-inch (15.24cm) outlet hose with pneumatic valve
2. **Vacuum system:**
	* type: rotoral vacuum pump with air cooling system
	* flow rate: > 1500 m3/h
	* maximum vacuum: > 90
	* sludge pumping depth: > 10m
	* sludge pumper must also pump dry air
3. **Vacuum hose and hydraulic bearings:**
	* diameter: 120mm
	* triple-side operating system (3000)
4. **high-pressure line**
	* power: > 80 kwt
	* maximum flow rate: > 280-300 l/min
	* maximum pressure: 250 bar
5. **high-pressure main hose**
	* 1800 operating
	* length: 100-120m
	* diameter: 1.9-2.54cm (3/4-1 inch)
	* manual operating hose: 50-60m; diameter: 1.27cm (1/2 inch)
6. **accessories:**
* Nozzles

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Photo** | **Description** | **QTY** | **Hose con.** | **Minimum****/GPM** | **Pipe Diameter** | **Dimensions** | **Weight** | **Rear Jets** | **Front Jets** | **Radial Jets** | **Tier** |
|  | Pipe wolf nozzle 3D | 2PCS | 1 ¼ “  | 80 | 8”-24” | 7.48”X3.74” | 11.9lbs. | 6 | 3 |  | 3 |
|  | Pipe wolf nozzle 3D | 2PCS | 1” | 60 | 6”-15” | 6.29”X2.83” | 5.73lbs. | 6 | 3 |  | 3 |
|  | CHISEL NOZZLE | 2PCS | 1” | 60 | 8”-20” | 6.29”X2.95” | 5.51lbs. | 6 | 5 | \_\_\_ \_ | 2 |
|  | CHISEL NOZZLE | 2PCS | 1” | 80 | 8”-15” | 3.74”X2.36” | 1.50lbs. | 8 | 4 | \_\_\_ \_ | 2 |
|  | RADIAL CHISEL NOZZLE | 2PCS | 1” | 80 | 8”-20” | 6.29”X2.95” | 5.51lbs. | 6 | 5 | 6 | 2 |
|  | RADIAL CHISEL NOZZLE | 2PCS | ¾” | 30 | 6”-12” | 4.13”X2.36” | 2.42lbs. | 6 | 5 | 6 | 2 |

* Reducer and collar

|  |
| --- |
| **ENLARGING COLLAR – STAINLESS STEEL** |
|  |  |  | **Quantity** |
| ¾” male | → | 1” female | 2 PCS |

|  |
| --- |
| **REDUCER – STAINLESS STEEL** |
|  |  |  | **Quantity** |
| 1 ¼ ” male | → | 1” female | 2 PCS |

1. **Special Demands**
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**Jetting & Vacuum small truck (Sewer cleaning industrial vehicle)**

**2 units**

1. Chassis:
* Axle: single-axle
* suspension: air spring suspension
1. Tank:
	* Total capacity: 7-11 m3
	* Two part tank:
		1. Fresh water tank: 3-5 მ3
		2. Sludge tank: 4-6 m3
	* 4-inch (10.16cm) high-pressure suction hose with pneumatic valve
	* 6-inch (15.24cm) outlet hose with pneumatic valve
2. Vacuum system:
	* type: rotoral vacuum pump with air cooling system
	* flow rate: > 1500 m3/h
	* maximum vacuum: > 90
	* sludge pumping depth: > 10m
	* sludge pumper must also pump dry air
3. Vacuum hose and hydraulic bearings
	* diameter: 120mm
	* triple-side operating system (3000)
4. high-pressure line:
	* power: > 80 kwt
	* maximum flow rate: 280-300 l/min
	* maximum pressure: 250 bar
5. high-pressure main hose:
	* 1800 operating
	* length: 100-120m
	* diameter: 1.9-2.54 cm (3/4-1 inch)
	* manual operating hose: 50-60m; diameter: 1.27cm (1/2 inch)
6. accesories:
* Nozzles

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Photo** | **Descriptipn** | **QTY** | **Hose con.** | **Minimum****/GPM** | **Pipe Diameter** | **Dimensions** | **Weight** | **Rear Jets** | **Front Jets** | **Radial Jets** | **Tier** |
|  | Pipe wolf nozzle 3D | 2PCS | 1 ¼ “  | 80 | 8”-24” | 7.48”X3.74” | 11.9lbs. | 6 | 3 |  | 3 |
|  | Pipe wolf nozzle 3D | 2PCS | 1” | 60 | 6”-15” | 6.29”X2.83” | 5.73lbs. | 6 | 3 |  | 3 |
|  | CHISEL NOZZLE | 2PCS | 1” | 60 | 8”-20” | 6.29”X2.95” | 5.51lbs. | 6 | 5 | \_\_\_ \_ | 2 |
|  | CHISEL NOZZLE | 2PCS | 1” | 80 | 8”-15” | 3.74”X2.36” | 1.50lbs. | 8 | 4 | \_\_\_ \_ | 2 |
|  | RADIAL CHISEL NOZZLE | 2PCS | 1” | 80 | 8”-20” | 6.29”X2.95” | 5.51lbs. | 6 | 5 | 6 | 2 |
|  | RADIAL CHISEL NOZZLE | 2PCS | ¾” | 30 | 6”-12” | 4.13”X2.36” | 2.42lbs. | 6 | 5 | 6 | 2 |

* Reducer and collar

|  |
| --- |
| **ENLARGING COLLAR – STAINLESS STEEL** |
|  |  |  | **Quantity** |
| ¾” male | → | 1” female | 2 PCS |

|  |
| --- |
| **REDUCER – STAINLESS STEEL** |
|  |  |  | **Quantity** |
| 1 ¼ ” male | → | 1” female | 1. PCS
 |

1. **Special Demands**
* Both: vehicle and jetting & vacuum equipment units must be produced either in the EU, Japan or in any country on Northern American continent
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1. **Preferred demands**
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