

**To order, call toll free: 866-595-0515**

## **New Rotor Nozzles for 2009!**

KEG is pleased to introduce two new rotational nozzles to our product family, the Duce and the Axis. The Duce and the Axis are made with the standard KEG water driven designs, and require no lubrication for maintenance and operation. Both the Duce and the Axis are Tier Two nozzles.

### **The Duce – Vibration Action Removes Scaling and Deposits**



Figure 1 - The Duce

The Duce is KEG's new vibrating rotational nozzle. Using the same water driven rotation as our conventional Rotor Nozzles, the Duce literally vibrates pipe deposits away. The Duce has sprocket-like front and rear end caps that use the vibrating action in the pipeline to break up hard scale and deposits. The Duce is ideal for removing grout and mortar residue, scaling, tuberculation, or other deposits that have hardened to the pipe wall or floor.

**The operator should be careful to determine the overall condition of the pipe via a camera inspection before using this nozzle. Do not use the Duce in pipes that display cracks, fissures or other damage.** The Duce is available with titanium ceramic inserts and is available in 1.25" and 1" setups (the 1" can also be run with a reducer for 3/4" hose).

### **The Axis – Controlled Speed Rotation Cleaning for Pipes and Manholes**

The Axis is KEG's new controlled speed rotational nozzle. By simply increasing or decreasing the pressure in the water system, the speed of rotation of the Axis can be controlled by the operator. **The Axis is an excellent all around cleaning and grease removal nozzle for pipelines, manholes, and lift stations.** The Axis can be outfitted with a skid and/or high pressure swivel, and is furnished with titanium ceramic inserts. The Axis is available in 1.25" and 1" setups (the 1" can also be run with a 3/4" reducer).



Figure 2 - The Axis

### Duce Nozzle Specifications

Removal of scaling, mineral deposits, tuberculation, asphalt, or concrete residue from pipe inverts and pipe walls

#### Advantages

- ✓ Vibrating Action
- ✓ No Lubrication Required
- ✓ Replaceable Ceramic Inserts

#### Applications

- ✓ SANITARY AND STORM
- ✓ Scale Removal
- ✓ Tuberculation
- ✓ Mineral Deposits
- ✓ Flowable Fill and Concrete

PART NUMBER	HOSE DIAMETER	NOZZLE INSERTS	WEIGHT (POUNDS)	PIPE DIAMETER
100109-C	1.25"	9	2.7	6" and up
100108-C	1.0"	9	2.7	6" and up

### Axis Nozzle Specifications

Controlled speed directional cleaning with forward jets for cleaning and grease removal and manhole rehabilitation cleaning

#### Advantages

- ✓ Controlled Rotational Speed
- ✓ No Lubrication Required
- ✓ Replaceable Ceramic Inserts
- ✓ Multiple Applications with One Nozzle

#### Applications

- ✓ SANITARY AND STORM
- ✓ Cleaning with Forward Jets
- ✓ Grease Removal
- ✓ Manhole and Lift Stations

PART NUMBER	HOSE DIAMETER	NOZZLE INSERTS	WEIGHT (POUNDS)	PIPE DIAMETER
100076-C	1.25"	9	5.3 lbs	8" to 24"
100075-C	1.0"	9	5.3 lbs	8" to 24"