Applications
Size classification, washing, degritting, dewatering, and desliming of solids in mineral, chemical, and industrial pilot plants and small commercial size installations. Typical applications include classification or tramp removal in rod and ball mill circuits and classifications, washing, and dewatering in sand and phosphate matrix plants.

Advantages
Quinn specializes in the application, design, and manufacture of pilot plant and small commercial size equipment. Experience gained in pilot plant operation is incorporated in the design of the equipment.

Trouble free-grease lubricated submerged bearing.
V-belt drive permits speed variation. Enclosed running-in-oil speed reducer.
Package unit complete with leg supports.
Modified flare tank with adjustable weir provides wide capacity range.
Simple design -- most parts available at supply houses.
Available in corrosion resistant construction.

(Dimensions and specifications on reverse side.)
Specifications

**Spiral**: Steel with flexible coupling and lifting device.

**Submerged bearing**: Grease lubricated, screw connection to shaft on 6” and 9” flange connection on 12” Reducer: Running-in-oil type.

**Vari-pitch V-belt drive.**

**Guard**: Solid steel.

**Motor**: 6” size, 1/4 hp; 9” size, 1/2 hp; 12” size, 1 hp.

**Tank**: Modified flare with adjustable weir. Fabricated steel. Support legs 3-1/2”/ft slope.

**Paint**: Rustoleum primer; green enamel finish.

**Corrosion resistance**: Available ss 316, other alloys, and elastomer coverings. Available with adjustable slope from approximately 2-1/2”/ft to 3-1/2”/ft.

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