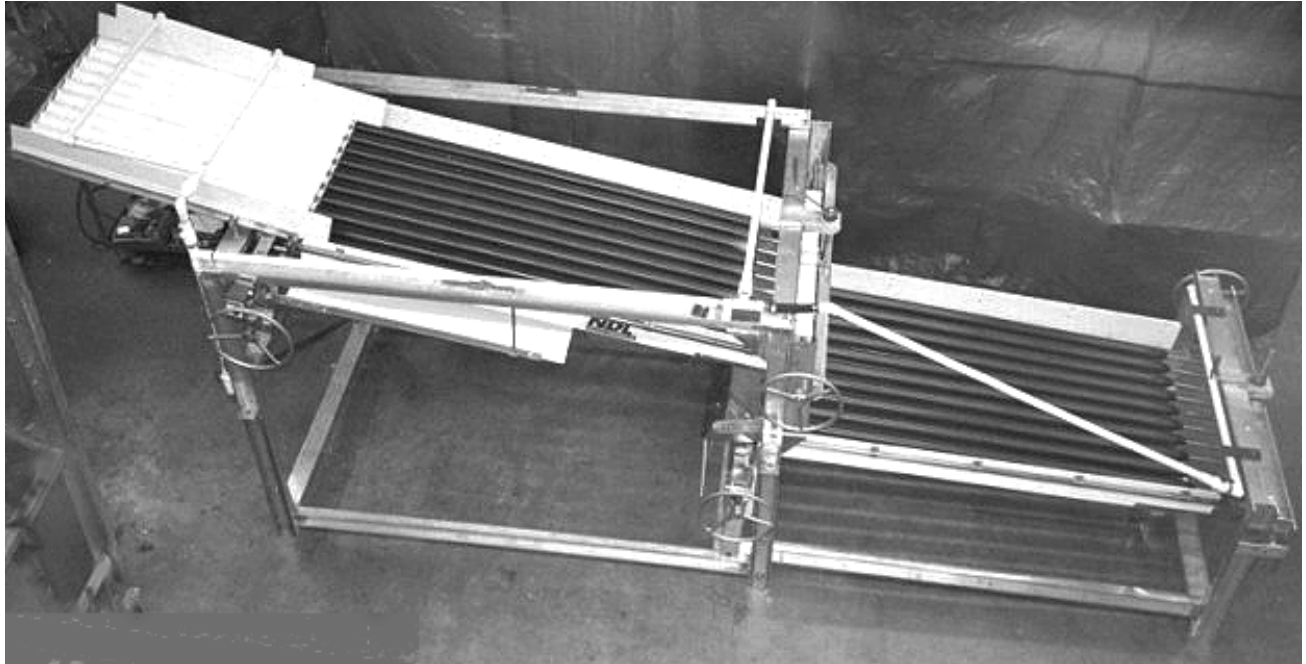

MAXIMIZE PROFITS by Size Grading



Neptune Size Grading Equipment

The Neptune Rotating Tube Size Grader was initially developed to size grade thawed Pacific roe herring without any damage to the expensive and delicate roe. These Rotating Tube Graders have also been used on live herring, fresh herring and other pelagics.

Improvements due to production experience include a hydraulic drive option and a simple method to quickly adjust the spacing between rollers while in operation. No fish damage has been reported and sorting rates are as high as one ton per hour per tube on large fish.

The Neptune Rotating Tubes deliver accurate and gentle grading of fish.

Neptune Size Graders can be installed onboard the vessel or factoryship, where it is capable of grading with high accuracy even during bad weather conditions! They can be delivered as a stationary unit placed on the dock or as a mobile solution. In both ways, the grader serves the need for instant size grading after unloading.

Neptune Size Graders are for species like Herring, Mackerel and Sardines. They grade high quantities without lowering the accuracy. This is mainly achieved by a prealignment system, which spreads the fish to the whole width of the rollertable, for efficient utilization of all of the rollers.

NEPTUNE DYNAMICS LIMITED

ENGINEERING, MACHINERY DEVELOPMENT, SALES & SERVICE SINCE 1975

#180—6751 Graybar Rd, Richmond, B.C., V6W 1H3 Ph: (604) 244-9836 Fax.: (604) 244-9771 email@neptunedyn.com

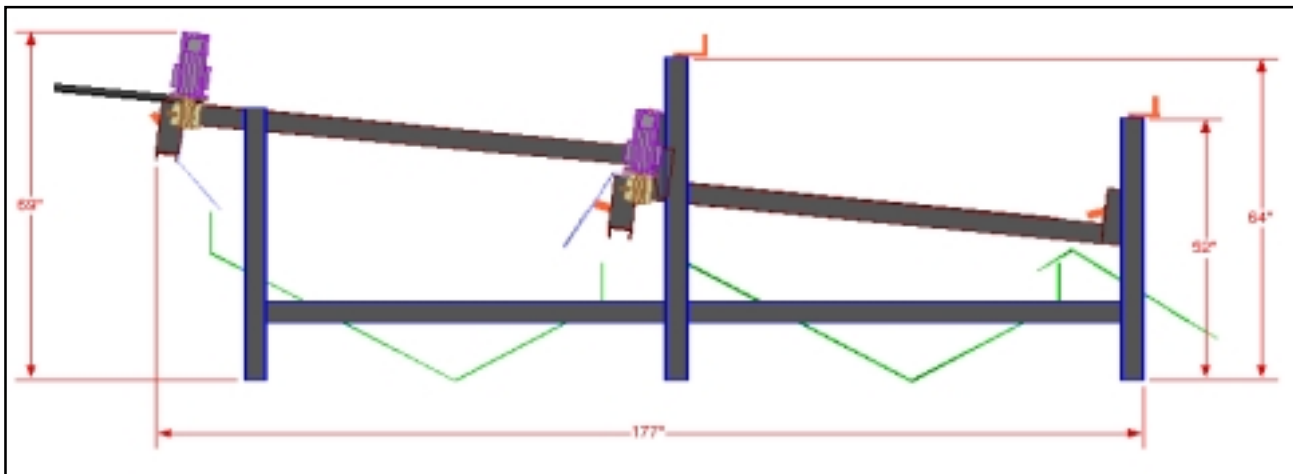
Neptune Size Graders are made of sturdy aluminum to minimize weight. Critical components are hard coated for corrosion resistance. Other materials are food grade plastics, bronze and stainless steel. The simplified construction also makes the machinery very reliable and easy to operate. The speed of the rollers and the distance between them are easily adjusted.

The Neptune Size Graders are produced in standard versions, with 7-17 rollers, but are, of course, adjusted to the specific needs of each individual customer. They range from 5-30 tons per hour capacity and are capable of grading up to five different sizes.

For very accurate grading, two graders can be combined into one package.

Size Grading is the first and fundamental operation in fish processing automation!

A Two-Grader System



28 YEARS OF SOLUTIONS!

Neptune Dynamics Limited was established in 1975 to develop and manufacture sorting equipment for the Roe Herring Industry, Neptune Dynamics has branched out to other industrial sectors while maintaining its close relationship with the fish processing industry.

Neptune has several established products which are manufactured and serviced in our modern, well-equipped Richmond facility. These include:

- **HD1SU**—a sex sorting machine for the roe herring industry, with machines currently operating in British Columbia, Eastern Canada, Ireland, Scotland, Japan and Europe.
- **RHO**—an attachment for the HD1SU—this machine automatically opens the herring and extracts the roe without damage.
- **CCS**—a quality assurance, can integrity measurement and sorting system developed for the canning industry, with units in operation in British Columbia, United States, Thailand and Mainland China.

Neptune has always maintained a high level of Research and Development and currently has several projects underway which include an AutoFeeder for the HD1SU and RHO Machines; a Brine Recycling System and an IKURA Processing System.

NEPTUNE DYNAMICS LIMITED

#180—6751 Graybar Road, Richmond, B.C., Canada, V6W 1H3 Ph: (604) 244-9836 Fax.: (604) 244-9771
email@neptunedyn.com

We reserve the right to make modifications without notice. All data given refer to fish of average size and normal structure.
