

PISCES FISH MACHINERY, Inc.

HG Series *Roller Fish Graders*

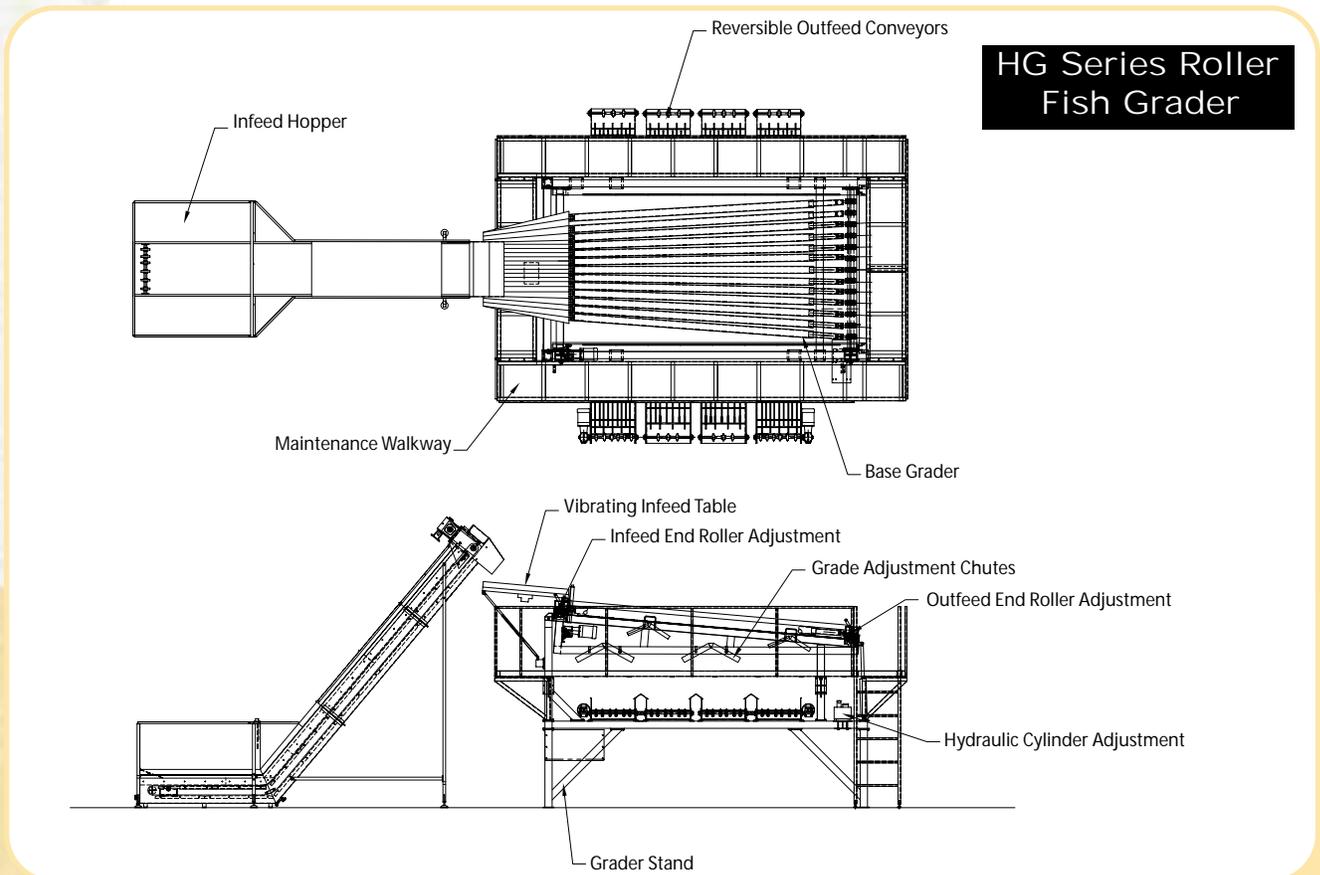
The Pisces HG series of roller graders separates fish based on the width. The fish travel between sets of two rotating rollers which spread further apart as the fish travels down the length of the rollers. The rollers spin in such a way as to gently drive the fish downward through the rollers. Water is sprayed on the rollers to ensure gentle handling of the fish. Once the fish fall through the rollers they are separated into 4 grades that are delivered to the side of the machine with a fifth oversize grade over the end of the machine. The starting and finishing widths of the rollers are both adjustable. The single point adjustment utilizes a scale indicator to provide an accurate reference for the position of rollers. Fish are spread out evenly between the rollers by a vibrating infeed table which ensures no fish are

stacked on top of one another. This avoids miss grades by small fish "piggy backing" on top of larger ones. The angle of descent and hence the speed of the fish down the rollers is also adjustable by hydraulic cylinders.

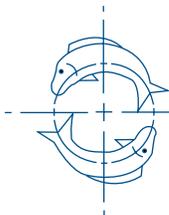
The standard length of the rollers is 4 meters. The standard number of rollers is 5 to 13. Additional number and lengths of rollers are available upon request. The throughput per hour for the machines is 10 to 30 tons depending on the number of rollers. The grader can be purchased with a number of options or as a base roller section. The options for the machine include infeed hoppers, pre-grading inspection tables, elevating stand, elevated maintenance walkways and outfeed conveyor for each grade.



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The HG Series machines are subject to U.S. and International patents and meets all CE machine directives.



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P.O. BOX 189
WELLS, MICHIGAN 49894
TEL: 906/789-1636
FAX: 906/789-1211
E-MAIL: pisces@pisces-ind.com