

Water

FISH HARVESTING SYSTEM



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As wild fish stocks decline globally, fish farming is becoming increasingly important. Stainless steel components are an integral part of a new fish harvesting system that has been developed to humanely harvest and kill the fish using automated percussive stun methods. Grade 316 stainless was chosen for the components primarily due to its corrosion resistance and strength. Other requirements included: no bacterial traps; robustness to withstand the harsh environment and repetitive shock loading; light enough to enable easy handling of the modules for cleaning; easy to dismantle and clean.

Location | MARINE

Environment | OUTDOOR

Product | STAINLESS STEEL PLATE USED FOR BASE, RAMP AND TRIGGER PLATE.

Fabrication process | LASER CUT, MANUALLY WELDED, POLISHED AND GLASS-BEAD BLASTED.

Grade/surface | 316

Material thickness/diameter | MOSTLY 3 MM

Weight | 15 KG PER UNIT

Competing material | NONE SUITABLE

Date of Completion | FIRST INTRODUCED 1998 BUT DESIGN HAS EVOLVED SINCE.

Manufacturer | PRYDE FABRICATION (ASSDA ACCREDITED). MANUFACTURED FOR SEAFOOD INNOVATIONS.

Material Supplier | VARIOUS

Source of Information | AUSTRALIAN STAINLESS (PUBLISHED BY ASSDA).

Remarks