

General Specifications for the Precor Strength Products – Icarian Line

- **Frame:** 11 Gauge (.120”) and 7 Gauge (.188”) 2x4-inch bent electroweld steel tubing. Minimum of 3 standard bolt tabs on appropriate units.
- **Finish:** Abrasive grit pre-finish is followed by electrostatically applied powder coat that is heat cured.
- **Fabric:** Premium quality Uniroyal Spirit II Naugahyde with Beautyguard protective topcoat finish. Fabric meets or exceeds California fire regulations (Bulletin 117, section E). Replaceable slipcover in appropriate high wear areas. Double stitching on all seams.
- **Padding:** 2-inch 8-lb high-density foam is used in most areas.
- **Selector Plates:** Each selector plate entirely precision machined on all surfaces. Top plate will have replaceable Igus precision self-lubricating bushings. Black painted protective finish. Weight increments in both English and metric.
- **Guide Rods:** Guide rods will be precision centerless ground, polished, with corrosion-resistant plating for smooth operation and retardation of rust.
- **Cable:** 3/16-inch (7x19) aircraft cable coated with black pressure extruded nylon to ¼-inch or 1/8-inch coated to 3/16-inch. The cable will conform to specification MIL-W-83420D-BARE cable only. Attachments are climbing-rated carabineer design.
- **Pivot Points and Joints:** Pillow block or flange-mount motor grade rotary bearings or sleeve bearings utilizing either oil-impregnated bronze bushings or pre-lubricated Igus nylon bushings.
- **Pulleys:** Glass fiber reinforced nylon pulleys with precision motor grade ball bearings pulleys
- **Linear Bearings:** Oversized linear recirculating ball bearings are self-aligning, sealed, and running on casehardened shafts.
- **Seat adjustments:** Ratcheting seat adjustment with push to release lever on most selectorized machines. On remainder of machines, hardened plunger and snap-pin assembly with easy grip pull-pin and “slide” insert for easy movement of adjustment.
- **Bolts:** Grade 5 black zinc in most applications
- **Handles:** Slip resistant rubber sleeve with machined alloy end-cap.
- **Instructional Placards:** Easy to understand instructional placards are standard on all selectorized units. Warranty is 90 days.