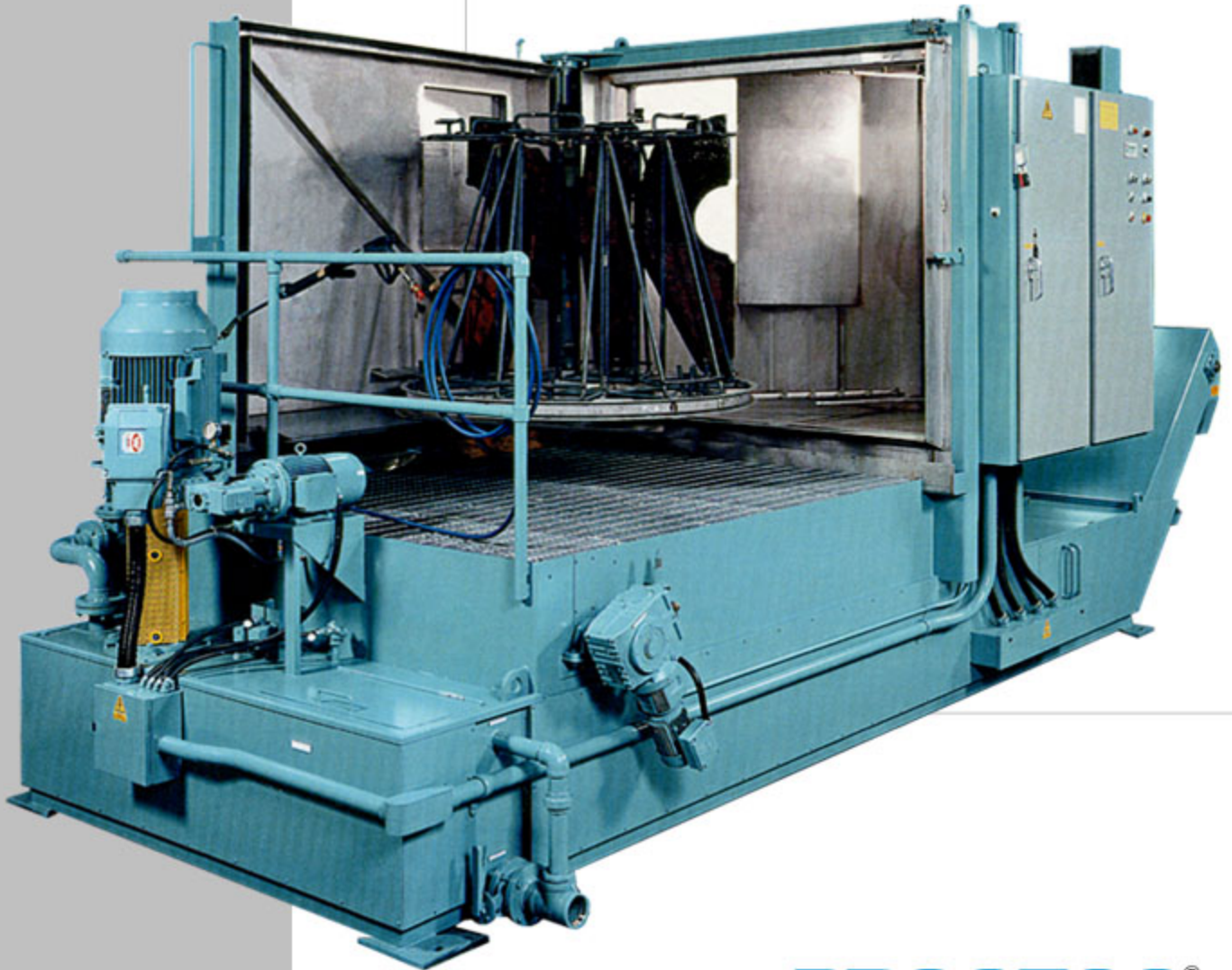


AUTOMATIC CLEANING OF TRACTION MOTOR GEARCASES

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Automatic sludge removal and grease skimming conveyor removes waste and extends solution life. This will reduce tank clean-up time and the cost of waste disposal.



PROGECO[®]
Integrated Cleaning Solutions

AUTOMATIC CLEANING OF TRACTION MOTOR GEARCASES

MODEL # EHDGC 62×60-E-2500-R

Scope

Customer.....	Railway Rebuild Plants
Workpiece.....	Traction motor gearcases as well as journal boxes, axle caps, brake rigging, etc.
Application	After removal from service prior to inspection / rebuild
Production.....	Up to six gearcase halves per hour
Cleanliness	Meets or exceeds typical railway specifications

Features

Benefits

Recirculating wash solution followed by a hot fresh water rinse.....	Two-step process removes all dirt and chemical residues
Large capacity solution tank	Reduces solution foaming increases time between solution changes and leaves more time for suspended dirt to settle down.
High volume pump.....	Full coverage of all surfaces of the gearcases
Special fixture for six gearcase halves	Optimum position for removing the lubricant
Door and turntable assembly swing open in pivoting ball bearings.....	Easy crane loading/unloading and operation under full load
All-steel door with labyrinth type design	Effectively contains spray as well as steam inside the spray cabinet
Self locking safety latch to hold door position.....	Firmly locks in closed position and quickly releases open to stabilize door during loading
Heavy construction (1/4" plate)	Structural integrity under the heaviest loads with years of trouble-free service
Vertical insulation of cabinet, roof, door and tank.....	Minimizes heat lost
Exhaust blower.....	Powerful blower removes the vapor from the cabinet interior within minutes to minimize the build up humidity in the shop
Sludge drag / grease skim conveyor	Bars scrape the entire width of the 1st stage tank and drag the sludge up a sloped wall to discharge it into a sludge container. On the return loop of the conveyor, the bars skim the solution surface and discharge the skimmed grease
Floor mounted installation with single point connection	Saves expense of a pit installation and uses customers existing overhead crane to load and unload the turntable
Choice of solution heating modes.....	Electric, steam, gas or hot water