

SIX REASONS WHY A DURR HYDROCARBON PROCESS ACHIEVES ALL YOUR REQUIREMENTS



EcoClean

Save money

1

- Less operating cost vs aqueous type
- No mixing chemicals to purchase
- No hazardous waste permits for dumping
- Same cleaning solution cleans all products
- Minimized energy input due to heat recovery

Superior quality & consistency

2

- Cleaning solution does not degrade like aqueous solution
- Total cleaning of all surfaces due to vacuum process
- Totally dry parts after cycle is complete due to vacuum drying
- Up to eight weeks shelf life with-out rust protection coatings

Safe environment

3

- Cleaning solution is non-halogenated
- Cleaning solution re-generates in distillation system
- Machine does not need roof exhaust stack or permits
- Sound levels less than 80 dBA
- Fluids flow through totally enclosed system

Self contained

4

- Machine fabricated on stainless steel floor pan
- Control panel attached to main base frame
- Parts cleaned & dried in sealed chamber
- No operator contact with fluids during fill and drain

Simple to operate and maintain

5

- Programmable Siemens HMI with (8) program keys
- One load/unload point, automatic or manual
- Error diagnostics on operator control panel
- Bulk load baskets automatically clamped shut
- Large hinged door panels for inspection and maintenance

Simple to install

6

- Only electric and compressed air drops required
- Fork lift truck can move machine to position
- No floor drains or special foundations required
- No exhaust stack through roof required
- Small exterior size to fit through facility doors



SIX REASONS WHY A DURR HYDROCARBON PROCESS ACHIEVES ALL YOUR REQUIREMENTS



Ecoclean

Technical Details

Advantages of Hydrocarbon vs. Aqueous

- Cleaning fluid temperature elevated to create free flow
- Vacuum system removes all air and moisture from system
- Blind/tapped holes and cavities cleaned better in vacuum
- Only one cleaning solution required for all production materials
- Distillation system for degreasing and fluid re-generation
- Lower operating cost, faster payback of equipment
- Less cleaning fluids required in holding tanks
- No mixing chemicals to purchase or monitor
- Cleaning solution re-generates in distillation system

Standard Load Capacities

- 85C Machine, 110 #/load, up to (9) loads per hour, standard machine
- 80C Machine, 165 #/load, up to (12) loads per hour, standard machine
- 81C Machine, 330 #/load, up to (12) loads per hour, standard machine

Standard Load Sizes

- 85C Machine, Maximum 14.9" x 8.6" x 7.9" high - wire basket
- 80C Machine, Maximum 21" x 12.6" x 7.9" high - wire basket
- 81C Machine, Maximum 26.4" x 18.9" x 11.8" high - wire basket

Standard Machine Sizes

- 85C Machine, Overall = 40" x 83" x 102" high
- 80C Machine, Overall = 163" x 63" x 104" high
- 81C Machine, Overall = 208" x 71" x 104" high

