

BENECOR® INLINE BLENDING & DISSOLVING SYSTEMS



BENECOR® OFFERS THE LATEST, MOST ADVANCED “PLUG & PLAY” INLINE BLENDING & DISSOLVING TECHNOLOGY TO PRODUCE THE HIGHEST QUALITY OF DEF.

ENGINEERED FOR CUSTOMIZATION

The BENECOR® Inline Blending Systems allow you to produce DEF Solution with concentrations up to 50%. 1.050, 2.375 & 4.750 Gallons of DEF can be produced per hour.

HEAT PLATE EXCHANGER

To reach high temperature of demineralized water, BENECOR® Inline Blending Systems contain a heat plate exchanger in order to reach required temperature for inline blending (at least 86°F / 30°C). The user needs to supply hot water or steam to the heat plate exchanger to make it function.

DEF DEBAGGING UNIT

Hopper with capacity of 70.6ft³, 141.2 ft³ or 247.2ft³ (2m³, 4m³ or 7m³) contains minimum loading sensors and alarm. Hopper has built in top grid which serves as sieve with mesh size 0.39in x 0.39in (10mm x 10mm). Urea crusher (lump breaker) can be integrated in the hopper.

SCREW CONVEYORS

Screw conveyors are fully integrated in the functionality of the BENECOR® Inline Blending & Dissolving Systems.

SPACE-SAVING

The total BENECOR® Inline Blending Systems fits in only one 40ft container (without DEF & water storage tanks).

DOUBLE REVERSE OSMOSIS WATER TREATMENT SYSTEM (DRO WTS)

Can produce 264.1G/h, 528.3G/h or 1320.8G/h (1m³/h, 2m³/h or 5m³/h) of demineralized water depending on the size of the machine.

REDUCE OPERATOR INVOLVEMENT

- Inline Refractometer Provides Constant Monitoring of the Concentration.
- DRO WTS is easy to operate 24/7 - no supervision required.
- Siemens PLC allows to supervise and administrate at distance, the production of DEF and functionality of the Machine.

STANDARDS / APPROVALS

- Made with ISO 22241 compatible materials using the most reliable equipment.
- DRO WTS meets ISO 22241 standard water requirements.



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FEATURES

- Most Advanced “Plug & Play Technology
- Integrated Heat Plate Exchanger
- Integrated Working Platform & Bag Opener
- Online Monitoring & Remote Assistance
- Siemens PLC Technology
- Double Reverse Osmosis Water Treatment System (DRO WTS)
- All Blending Parts Made of Stainless Steel
- Inline Refractometer for Constant Monitoring & Auto-Regulation
- Capability to Dilute Concentrated Liquid Urea
- SKID Platform with Forklift Holes Allows Easy Unloading
- All Materials Meet ISO 22241 Standards for DEF

OPTIONAL FEATURES INCLUDE

- Three Blending Capacities: 1,050G/h, 2,375G/h & 4,750G/h (4,000L/h, 9,000L/h & 18,000L/h)

SPECIFICATIONS

- Blend Any Desired Concentration Up To 50%
- Blends 32.5% Solution at Low Temperature (86°F / 30°C)
- Stainless Steel Hopper of 141.2ft³ & 247.2ft³ (4m³ & 7m³)
- Small Skid Footprint 16.4ft x 6.56ft x 6.56ft (5m x 2m x 2m)
- Total BENECOR® Inline Blending Systems Fits in Only One 40ft Container (without DEF & water storage tanks)
- Total Weight Under 6,614lbs (3,000kg)

FOR MORE INFORMATION CONTACT BENECOR DIRECTLY

1-844-BENECOR
1 - 8 4 4 - 2 3 6 - 3 2 6 7

MOST ITEMS ARE
IN-STOCK & SHIP
WITHIN 24 HRS

