ODIN® FOAM

THE WIDEST VARIETY OF CAFS - ALL MADE IN USA

LOADED WITH FEATURES THAT SET ODIN® CAFS APART

- PRECISION COMPUTER CUT VENTILATED, HINGED, LATCHED FULLY ASSEMBLED LIDS
- ILLUMINATED LASER CUT, BRUSHED STAINLESS STEEL CONTROL PANELS WITH ALL GAUGES AND CONTROLS INSTALLED
- ALUMINUM FRAME WITH FORK LIFT PROVISIONS • DARLEY FAST FOAM AND FOAM PRO PROPORTIONERS
MONGOOSE 46/23 GAS
ENGINE DRIVEN COMPRESSED AIR FOAM SYSTEM

ENGINE

- Kawasaki: 31 HP @ 3600 rpm, liquid-cooled, V twin, 2 cylinder gasoline-powered, 12 vdc electric start, multiport digital fuel injected

PUMP

- Darley Model 2BE: Fully adjustable 1½" CAF discharge mix point, 2½" water discharge, 2½" direct tank fill, 2½" NPT suction inlet, Darley 12v primer, 2½" water and air pressure gauges, pump drain valve, stainless steel plumbing

DIMENSIONS & WEIGHT

- 36” (+6”)L x 47¼”W x 33”H, 875 lbs. (397 kg)

APPLICATIONS

- Wildland, quick attack, rescue, skid unit

STANDARD FEATURES

- Control Panel - Illuminated: Precision cut, cover overlayed panel with integrated labels, foam injection system controls installed
- Air Compressor: Rotary screw encapsulated, manufacturer approved for flows 60 cfm, @ 150 psi
- Frame: Lightweight aluminum
- Foam Proportioner System: Darley Fast Foam 50 Class “A” Foam Proportioner

PERFORMANCE

WATER PERFORMANCE
120 gpm (454 L/M) @ 100 psi (6.9 bar)
250 gpm (946 L/M) @ 40 psi (2.7 bar)

SIMULTANEOUS FLOW
46 gpm (174 L/M) & 23 cfm (651 L/M) @ 125 psi (8.6 bar)

AIR PERFORMANCE
50 cfm (1416 L/M) @ 125 psi (8.6 bar)

SIMULTANEOUS FLOW
80 gpm (303 L/M) & 40 cfm (1133 L/M) @ 100 psi (6.9 bar)
MONGOOSE 46/23 DIESEL
ENGINE DRIVEN COMPRESSED AIR FOAM SYSTEM

ENGINE

• Kubota: 24.8 HP @ 3600 rpm, water-cooled, 3 cylinder, diesel-powered, 12 vdc electric start

PUMP

• Darley Model 2BE: Fully adjustable 1½" CAF discharge mix point, 2½" water discharge, 2½" direct tank fill, 2½" NPT suction inlet, 2½" water and air pressure gauges, pump drain valve, stainless steel plumbing, 12 vdc electric primer system

DIMENSIONS & WEIGHT

• 44" (+6")L x 47¾"W x 36"H, 1100 lbs. (498 kg)

APPLICATIONS

• Wildland/attack fire suppression, rescue, skid unit

STANDARD FEATURES

• Control Panel - Illuminated: Precision cut, cover overlayed panel with integrated labels, foam injection system controls installed

• Air Compressor: Rotary screw encapsulated air compressor, compressor temperature alarm

• Frame: Industrial strength lightweight aluminum

• Foam Proportioner System: Darley Fast Foam 50 Class “A” Foam Proportioner

PERFORMANCE

WATER PERFORMANCE

120 gpm (454 L/M) @ 100 psi (6.9 bar)
250 gpm (946 L/M) @ 40 psi (2.7 bar)

SIMULTANEOUS FLOW

46 gpm (174 L/M) & 23 cfm (651 L/M) @ 125 psi (8.6 bar)

AIR PERFORMANCE

50 cfm (1416 L/M) @ 125 psi (8.6 bar)

SIMULTANEOUS FLOW

80 gpm (303 L/M) & 40 cfm (1133 L/M) @ 100 psi (6.9 bar)
MUSTANG 100/50
ENGINE DRIVEN COMPRESSED AIR FOAM SYSTEM

ENGINE
- Kubota 1505: 33.5 HP, liquid-cooled, indirect injection, naturally aspirated diesel engine, 12 vdc 40 amp alternator, glow plugs, hosed oil drain

PUMP
- Darley 1-1/2AGE: 1 1/2” CAF discharge mix point, 1 1/2” discharge valve, 2 1/2” tank to pump suction inlet, 2 1/2” direct tank fill, Darley 12v primer, stainless steel plumbing

DIMENSIONS & WEIGHT
- 48”L x 48”W x 37”H, 1200 lbs. (544 kg)

APPLICATIONS
- Wildland pumper, rescue, wildland/interface

STANDARD FEATURES
- Control Panel - Illuminated: Precision cut stainless steel panel with all system controls installed
- Air Compressor: Rotary screw encapsulated air compressor, compressor temperature alarm
- Frame: Industrial strength lightweight aluminum with fork lift provisions
- Foam Proportioner System: Darley Fast Foam 50 Class “A” Foam Proportioner
- Water only discharge
- Chrome caps or plugs on all panel adapters

PERFORMANCE
WATER PERFORMANCE
140 gpm (530 L/M) @ 125 psi (8.6 bar)

SIMULTANEOUS FLOW
100 gpm (379 L/M) & 50 cfm (1416 L/M) @ 125 psi (8.6 bar)
130 gpm (492 L/M) & 60 cfm (1699 L/M) @ 100 psi (6.9 bar)

AIR PERFORMANCE
60 cfm (1699 L/M) @ 125 psi (8.6 bar)

PUMP PERFORMANCE
130 gpm (492 L/M) @ 100 psi (6.9 bar)
DERRINGER 100/50
ENGINE DRIVEN COMPRESSED AIR FOAM SYSTEM

ENGINE

- **Darley 1-1/2AGE**: Single-stage, centrifugal pump, 2-1½” independent CAF discharges, designed to provide up to 130 gpm and pressures up to 170 psi

PUMP

- **Kubota V1505**: 33.5 HP diesel engine, liquid cooled, indirect injection, naturally aspirated, pressure lubricated 12VDC 40 amp alternator, glow plugs, remote oil drain

DIMENSIONS & WEIGHT

- 54½”L x 47½”W x 39”H, 1250 lbs. (567 kg)

APPLICATIONS

- Wildland, quick attack, rescue, skid unit

STANDARD FEATURES

- **Control Panel - Illuminated**: Precision cut, brushed stainless steel panel with all system controls installed
- **Air Compressor**: Rotary screw compressor assembly, ODIN® AutoBalance™ valve, compressor temperature alarm
- **Frame**: Industrial strength lightweight aluminum with forklift provisions
- **Lid**: Precision cut, ventilated, hinged, gas shock lift struts, latched, fully assembled lid
- **Foam Proportioner System**: FoamPro Model 1601 System
- **FRC water and foam level gauges**
- **Chrome caps or plugs on all panel adapters**

PERFORMANCE

**WATER PERFORMANCE**
135 gpm (511 L/M) @ 150 psi (10.4 bar)
160 gpm (606 L/M) @ 100 psi (6.9 bar)

**SIMULTANEOUS FLOW**
100 gpm (379 L/M) & 50 cfm @ 125 psi (8.6 bar)

**AIR PERFORMANCE**
60 cfm (1699 L/M) @ 125 psi (8.6 bar)

**SIMULTANEOUS FLOW**
130 gpm (492 L/M) & 60 cfm @ 100 psi (6.9 bar)
WEAPON 200/100
ENGINE DRIVEN COMPRESSED AIR FOAM SYSTEM

ENGINE

• Deutz BF2011F: 73 HP @ 2600 rpm, air/oil cooled, indirect injection, turbo charged diesel engine with remote oil drain

PUMP

• Darley Model 2-1/2AGE: Single stage, centrifugal pump, 2-1/2" independent CAF discharges, designed to provide up to 250 gpm and pressures up to 250 psi

DIMENSIONS & WEIGHT

• 56”L x 47½”W x 40”H, 1750 lbs. (793 kg)

APPLICATIONS

• Wildland/attack fire suppression, rescue, skid unit

STANDARD FEATURES

• Control Panel - Illuminated: Precision cut brushed stainless steel panel with all system controls installed
• Air Compressor: Rotary screw encapsulated air compressor ODIN AutoBalance™ valve, compressor temperature alarm
• Frame: Industrial strength lightweight aluminum
• Foam Proportioner System: Foam Pro 1601

PERFORMANCE

WATER PERFORMANCE
250 gpm (946 L/M) @ 150 psi (10.3 bar)
125 gpm (473 L/M) @ 250 psi (17.2 bar)

SIMULTANEOUS FLOW
200 gpm (757 L/M) & 100 cfm (2831 L/M) @ 125 psi (8.6 bar)

AIR PERFORMANCE
125 cfm (3539 L/M) @ 125 psi (8.6 bar)

SIMULTANEOUS FLOW
220 gpm (832 L/M) & 120 cfm (3398 L/M) @ 100 psi (6.9 bar)
COBRA 200/100
ENGINE DRIVEN COMPRESSED AIR FOAM SYSTEM

ENGINE

- Deutz BF4L2011: 73 HP @ 2500 rpm, air/oil cooled, indirect injection, pressure lubricated, turbo charged diesel engine

PUMP

- Darley Model 2-1/2AGE: Single stage, centrifugal pump, 3 independent CAF discharges, designed to provide up to 250 gpm and pressures up to 250 psi

DIMENSIONS & WEIGHT

- 69”L x 36”W x 65”H, 2200 lbs. (998 kg)

APPLICATIONS

- Wildland, quick attack, rescue, skid unit

STANDARD FEATURES

- Control Panel - Illuminated: Precision cut, brushed stainless steel panel with all system controls installed
- Air Compressor: Rotary screw compressor assembly, ODIN® AutoBalance™ valve, compressor temperature alarm
- Frame: Industrial strength lightweight aluminum, latched door for engine and Foam Proportioner system maintenance access
- Lid: Precision computer cut, ventilated, hinged, gas shock lift struts, latched, fully assembled lid
- Foam Proportioner System: FoamPro Model 1601 System
- FRC water and foam level gauges
- Darley pressure relief valve
- Auxiliary air outlet
- Remote oil drain hose

PERFORMANCE

WATER PERFORMANCE
250 gpm (946 L/M) @ 150 psi (10.4 bar)
175 gpm (662 L/M) @ 200 psi (13.7 bar)
150 gpm (568 L/M) @ 250 psi (17.2 bar) NFPA

SIMULTANEOUS FLOW
200 gpm (757 L/M) & 100 cfm @ 125 psi (8.6 bar)

AIR PERFORMANCE
130 cfm (1699 L/M) @ 125 psi (8.6 bar)

SIMULTANEOUS FLOW
220 gpm (833 L/M) & 125 cfm @ 100 psi (6.9 bar)
ODIN FOAM

UHP-HV® GAS
ULTRA HIGH PRESSURE - HIGH VOLUME

ENGINE
- Vanguard: 23 HP gasoline engine

HIGH VOLUME PUMP
- Darley 2BE: Single stage, centrifugal pump, mechanical seal

HIGH VOLUME PUMP
- CAT 7CP: Belt-driven, plunger pump, foam injection capable

DIMENSIONS & WEIGHT
- 46”W x 24½”H x 32”D, 569 lbs. (258 kg)
- Reel Height: 42½”

APPLICATIONS
- Wildland, water transfer, structural attack

STANDARD FEATURES
- CAT 7CP high pressure piston pump with foam injection
- High pressure pump belt drive system
- High volume Darley 2BE pump
- Bronze impeller and seal rings
- Keyed impeller and shaft
- Oversized bearing for longer life
- Exhaust primer
- Powder coated aluminum frame
- All stainless plumbing
- Electric rewind Hannay Reel with 200’ of ‘½” hose, full capture leads
- Dual Strike Gun with holster (20’ effective discharge)

PERFORMANCE

INDIVIDUAL FLOWS
UHP
8 gpm (30 L/M) @ 1200 psi (41.4 bar)

2BE23V
275 gpm (1040 L/M) @ 55 psi (3.8 bar)
175 gpm (662 L/M) @ 100 psi (6.9 bar)
45 gpm (170 L/M) @ 140 psi (9.7 bar)

SIMULTANEOUS FLOWS
UHP-HV®
3 gpm (11 L/M) @ 600 psi (41.4 bar)
3.5 gpm (13 L/M) @ 780 psi (53.8 bar)
4 gpm (15 L/M) @ 1050 psi (72.4 bar)

2BE23V
250 gpm (946 L/M) @ 45 psi (3.1 bar)
360 gpm (606 L/M) @ 80 psi (5.5 bar)
30 gpm (114 L/M) @ 125 psi (8.6 bar)
UHP-HV® DIESEL
SIMULTANEOUS HIGH PRESSURE & HIGH VOLUME WITH A SINGLE ENGINE

**ENGINE**
- Kubota DH 902: 24 HP diesel engine, 3 cylinder, 12vdc electric start

**LOW PRESSURE PUMP**
- Darley 2BE: High pressure discharge port, 2½" low pressure panel discharge, 2½" direct tank fill, 2½" NPT suction inlet, high and low pressure gauges

**HIGH PRESSURE PUMP**
- 7CP CAT: Belt driven plunger pump, 8 gpm @ 1200 psi

**DIMENSIONS & WEIGHT**
- 46"L (+6" length) x 46"W x 36"H, 1050 lbs. (476 kg)

**APPLICATIONS**
- Wildland, quick attack, rescue, skid unit, mop-up

**STANDARD FEATURES**
- Frame: Lightweight aluminum with fork lift access
- Stainless steel plumbing
- LOFA electric ignition control with glow plug, warning lights, tachometer and pressure guage

**PERFORMANCE**

**LOW PRESSURE WATER PUMP**
- 140 gpm (530 L/M) @ 110 psi (7.6 bar)
- 200 gpm (757 L/M) @ 50 psi (3.4 bar)

**HIGH PRESSURE PUMP**
- 8 gpm (30 L/M) @ 1300 psi (89.6 bar)

**SIMULTANEOUS FLOWS**
- 100 gpm (379 L/M) @ 100 psi (6.9 bar)
- 8 gpm (8 L/M) @ 1100 psi (75.8 bar)
ODIN FOAM

ODIN 150/220 CFM PTO & CAFS ACCESSORIES

SMART AIR DISPLAY

PTO MODULE CONTROLLER
The all new PTO Controller features a 4.3” (109mm) LED display screen with full instrumental readings included. This new control panel has visual and audio notifications for maintenance reminders and alerts. The compact display screen with a heavy duty electrical harness allows for easy installation and high durability.

ODIN AUTOVALVE™

SIMPLIFY CAFS OPERATIONS
The AutoValve™ system has predetermined flow settings for simplified water and air valve operations with the push of a button. It is also equipped with a “Slug Flow Interlock” safety feature which is designed to prevent the slug flow that occurs when water and air are mixed without foam concentrate. The AutoValve™ is a user programmable electronic valve system that can be used in Compressed Air Foam systems, powered by 12 or 24 volt battery power.

SIZE OPTIONS
1½”, 2”, 2½”, 3”

ODIN AUTOFILL™

AUTOMATED REFILL PROCESS
Electronic Control that fully automates the tank fill process from a pressurized source. System comes with operational control placard and wire harness complete with weather tight connectors. Requires a Tank Level Gauge and Sensor - sold separately.

SIZE OPTIONS
1½”, 2”, 2½”, 3”
PTO MODULES
New PTO frame with 20% space savings. Pre-plumbed module and engineered air-end package converts new or existing apparatus into CAFS capable. Available in 150 and 200 cfm.

DIMENSIONS & WEIGHT
- Module Only: 36"L x 19"W x 20"H, Contact ODIN for compressor size

APPLICATIONS
- Mini pumper, rescue pumper, retro-fits, tactical tender, wildland interface

STANDARD FEATURES
- Control Panel: Custom LED screen with full instrumentals and high temperature warning light
- Air Compressor: Rotary screw air compressor
- Easy hose connection bulkhead with hassle-free installation
- ODIN AutoBalance™ valve & master air check valve
- Remote air intake filter kit
- Kits and other optional equipment available upon request

AIR COMPRESSOR PERFORMANCE
150 cfm (5663 L/M) @ 125 psi (8.6 bar)
200 cfm (4247 L/M) @ 125 psi (8.6 bar)

PTO COMPRESSOR KITS
The compressor receives its power from the apparatus transmission PTO. Consult ODIN for the correct engineering application. Pump is supplied by customer.

DIMENSIONS & WEIGHT
- Contact Odin for schematic and CAD drawings of components.
- 150 cfm shipping weight: 535 lbs. (242.6 kg)
- 200 cfm shipping weight: 585 lbs. (265.3 kg)

APPLICATIONS
- Mini pumper, rescue pumper, retro-fits, tactical tender, wildland interface

STANDARD FEATURES
- PTO driven compressor
- Available in 150 and 200 cfm with inlet valve and mounting bracket
- Horizontal mount air/oil receiver
- Control panel with high temperature shut down
- ODIN AutoBalance™ valve system
- Stainless steel, plate type heat exchange with thermo valve
- Master air check valve & remote air intake filter kit

AIR COMPRESSOR PERFORMANCE
200 cfm (5663 L/M) @ 125 psi (8.6 bar)
150 cfm (4247 L/M) @ 125 psi (8.6 bar)
DARLEY AND ODIN® FOAM OFFER A COMPLETE LINE OF PUMPS AND ACCESSORIES

DARLEY DESIGNED ITS FIRST CAFS IN 1984 AND INTRODUCED AUTOCAFS® IN 1993. TODAY DARLEY OFFERS THE WIDEST VARIETY OF AUTOCAFS® AND ODIN® UNITS ON THE MARKET.

PUMPS

- CUSTOM PUMP SOLUTIONS
- DAVEY
- ENGINE DRIVEN
- FIRE SPRINKLER PUMPS
- FRONT/REAR MOUNTED
- MIDSHIP MOUNTED
- MARINE
- OHLER PUMPS
- PORTABLE DIESEL
- PORTABLE GAS
- PTO
- PUMP MODULES
- PUMP ACCESSORIES
- WATER PURIFICATION

CAFS

- AUTOCAFS® ACCESSORIES
- AUTOCAFS® COMPRESSOR PACKAGES
- AUTOCAFS® PUMP ASSEMBLIES
- COBRA 200/100
- DERRINGER 100/50
- FOAM MANIFOLD CONFIGURATIONS
- FOAM PROPORTIONING & INJECTION SYSTEMS
- MOONGOOSE GAS & DIESEL 46/23
- MUSTANG 100/50
- PTO MODULES & COMPRESSORS
- UHP-HV® GAS & DIESEL
- WEAPON 200/100

DROP-IN SKID UNITS

- FAST ATTACK 1 WITH AND WITHOUT OPTIONS
- FAST ATTACK 2 WITH AND WITHOUT OPTIONS
- CUSTOM SKID UNIT

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