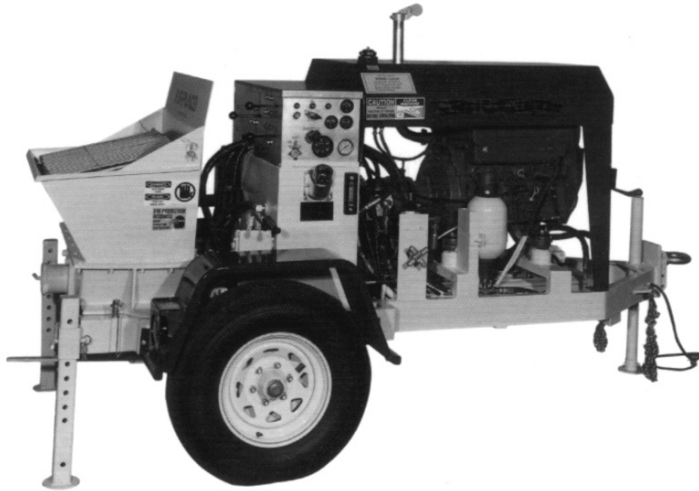
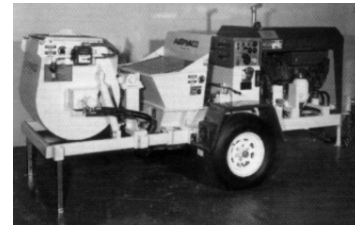


“COBRA” Concrete-Grout-Shotcrete Pumps



- * Simplified Operations
- * Variable Speed/Reversing Hydraulic Drive
- * Low Maintenance



• Concrete Pump

• Shotcretor

• Pressure Grouter

Versatile “Cobra” Concrete Pumps offer a rugged quality design to satisfy the most demanding performance requirements for a variety of applications including: Low/High Volume Shotcreting, Pressure Grouting, and Multi-Task Concrete Pumping. The “Cobra’s” Hevi-Duty Dual Piston design incorporates: “Full-Flow” S-Tube material valve with reversing capabilities and only two wear parts; Hard chrome plated material cylinders with water box piston cup lubrication system; Variable-Speed hydraulic piston pump with an efficient “All Hydraulic” cycling system with twin-shifting cylinders for very smooth operation (No troubling electronics to fail when operating in harsh environments); Standard Diesel engine power source; All mounted on a Hevi-Duty wide axle trailer frame for better stability and equipped with lights, fenders, and electric brakes. Add an optional Hydraulic Driven 10 cu. ft. Material Mixer with Lift/Dump Controls and Water Meter for a self-contained Pump/Mixer placement system
(Note: Mixer can be easily removed if required).

Specifications

	MODEL 410	MODEL 530	MODEL 640
* Max. Theoretical Output:	10 cu yd/hr (8 m ³ /hr)	30 cu yd/hr (23 m ³ /hr)	40 cu yd/hr (30 m ³ /hr)
* Max. Concrete Pressure:	1,400 psi (95 bar)	1,100 psi (74 bar)	1,000 psi (68 bar)
Max. Aggregate:	3/4" Minus (19 mm)	1" Minus (25 mm)	1-1/2" Minus (38 mm)
Concrete Cylinder Diameter:	4" (101 mm)	5" (127 mm)	6" (152 mm)
Concrete Cylinder Stroke:	30" (762 mm)	30" (762 mm)	30" (762 mm)
Material Valve Size - Full Flow S-Tube:	4" (101 mm)	5" (127 mm)	6" (152 mm)
Discharge Output Size With H.D. Raised End:	4" (101 mm)	5" (127 mm)	6" (152 mm)
Hydraulic Pump (Options Available):	Vari-Vol. Piston	Vari-Vol Piston	Vari-Vol Piston
Remote Control (Options Available):	Electric Solenoid	Electric Solenoid	Electric Solenoid
Hopper Capacity:	11 cu ft (311 L)	11 cu ft (311 L)	11 cu ft (311 L)
Power Source (Options Available):	Diesel - 41 HP	Diesel - 54 HP	Diesel - 73 HP
Fuel Tank:	18 Gallons (68 L)	18 Gallons (68 L)	18 Gallons (68 L)
Trailer Frame:	5" Channel	5" Channel	5" Channel
Axle Capacity:	6,000 lbs (2,720 kg)	6,000 lbs (2,720 kg)	6,000 lbs (2,720 kg)
Brakes:	Electric	Electric	Electric
Tires:	P-225/75B-15 LRD	P-225/75B-15 LRD	P-225/75B-15 LRD
Wet Weight:	3,590 lbs (1,628 kg)	3,860 lbs (1,750 kg)	4,050 lbs (1,840 kg)
Overall Dimensions:	146" L x 67" W x 60" H	155" L x 67" W x 60" H	162" L x 67" W x 64" H
Options (All Models):	<ul style="list-style-type: none"> • Power Units (Gas Engine or Electric Motor) • Material Mixer - 10 c.f. Hyd. • Remix Hopper - Hyd. • Surge Brakes 	<ul style="list-style-type: none"> • Skid Mount with Lift Eyes • Hydraulic Jack Stands • Stroke Counter • Wireless Remote Control 	<ul style="list-style-type: none"> • Screen Vibrator • Remote Controls • Placement Line System • Shotcrete Nozzles

NOTE: Maximum theoretical performance shown above. Maximum output and pressure cannot be reached simultaneously. Performance will vary depending on power unit, hydraulic pressure, cycle rate, mix design and placement line system. Specifications subject to change without prior notice.