



Apex 16FVFD™ XP Polisher

Mobile Ultra-Fine Solids Management

With 30 years of experience in the designing and manufacturing of reliable solids control equipment, Elgin understands the need for mobile ultra-fine solids management.

The key to an effective solids control system starts with the control of fines. Uncontrollable fines increase equipment wear, lower the drilling rate of penetration, and can significantly hamper the rig's push/pull capabilities.



Centrifuge Feed System

The centrifuge feed system is performed via an on-board self priming solids handling feed pump.



Fluid Management

Integrated centrate tanks and self-priming centrate pump assist with effective fluid management.






Features and Benefits:

- Provides full integration with existing solids control assets.
- Utilizes a triple-axel trailer configuration.
- On board power and chemical injection available.
- Solids are discharged directly to an on-board screw conveyor for waste management.
- On-board PC pump feeds the centrifuge; Includes a self-priming centrate pump.
- Optional hydration manifold allows for thorough mixing of polymers.
- Designed to handle large volumes of drilling fluids without slowing down drilling operations.
- Centrifuge feed system is performed via an on-board VFD adjustable progressive cavity feed pump.
- This unit allows for maximum control as it is integrated with Elgin's proprietary HMI touch-screen VFD control system.



Apex 19FVFD™ XP Polisher

Let Elgin Design the Ideal Mobile Polishing System to Meet Your Operational Needs

Model Number	Apex 9FVFD™	Apex 14MVD™	Apex 16FVFD™	Apex 19FVFD™	Apex 22FVFD™
Equipment Image:					
Maximum G Force:	2,600 G's	2,100	2,300	2,600	3,200
Maximum Speed:	3,500 rpm	3,250 rpm	3,400 rpm	3,100 rpm	3,000 rpm
Hydraulic Capacity:	75 gpm (4.7 lps)	200 gpm (12.6 lps)	300 gpm (18.9 lps)	500 gpm (31.5 lps)	650 gpm (41 lps)
Bowl Construction:	Carbon or Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel	Carbon or Stainless Steel
Bowl Diameter:	9" (229 mm)	14" (356 mm)	16" (406 mm)	18.5" (470 mm)	25" (635 mm)
Bowl Length:	36" (914 mm)	49.5" (1,257 mm)	55" (1,397 mm)	67" (1,702 mm)	80" (2,032 mm)
Weight:	4,500 lbs (2,064 kgs)	7,000 lbs (3,175 kgs)	7,500 lbs (3,402 kgs)	11,500 lbs (5,216 kgs)	15,000 lbs (6,803 kgs)
Dimensions:	81" (2,057 mm) L x 25" (635 mm) W x 30" (762 mm) H	103" (2,616 mm) L x 74" (1,879 mm) W x 48" (1,219 mm) H	145" (3,683 mm) L x 36" (914 mm) W x 57" (1,447 mm) H	186" (4,724 mm) L x 50" (1,270 mm) W x 62" (1,574 mm) H	208" (5,283 mm) L x 52" (1,320 mm) W x 65" (1,651 mm) H
Gearbox Ratio:	40:1	52:1 or 125:1	56:1	80:1	76:1