



America West  
Drilling Supply

1350 E Glendale Ave Sparks, NV 89431 (800) 800-8444 or (775) 355-1199  
sales@awds.com

Missile Explorer LX  
Reverse Circulation Hammers



5 1/8" | 5 1/4" | 5 3/8"  
5 1/2" | 5 3/4" | 6"

**475 LX**

# Reverse Circulation Hammers Have Never Been Better!

These tried and proven hammers can handle the vast majority of your drilling needs while recovering 98% of your samples, something your client will love.

Preferred by geologists for their high percentage of uncontaminated samples and fast production rates.



Also available - 400LX Hammer  
Hole sizes: 4 5/8", 4 3/4", 4 7/8",  
5", 5 1/8", 5 1/4"



## FEATURES

- Increased size of chip sample recovered
- No cross-contamination of samples
- Good characteristics under water
- Up to 98% sample recovered

## 475LX SPECIFICATIONS

Hole Sizes	5 1/8", 5 1/4", 5 3/8", 5 1/2", 5 3/4", 6"
Overall Length	45.5", less bit
Outside Diameter	4 7/8"
Weight	135 lbs.
Drill Bit Shank	475 Reverse Circulation
Wrench Flats	3.5"

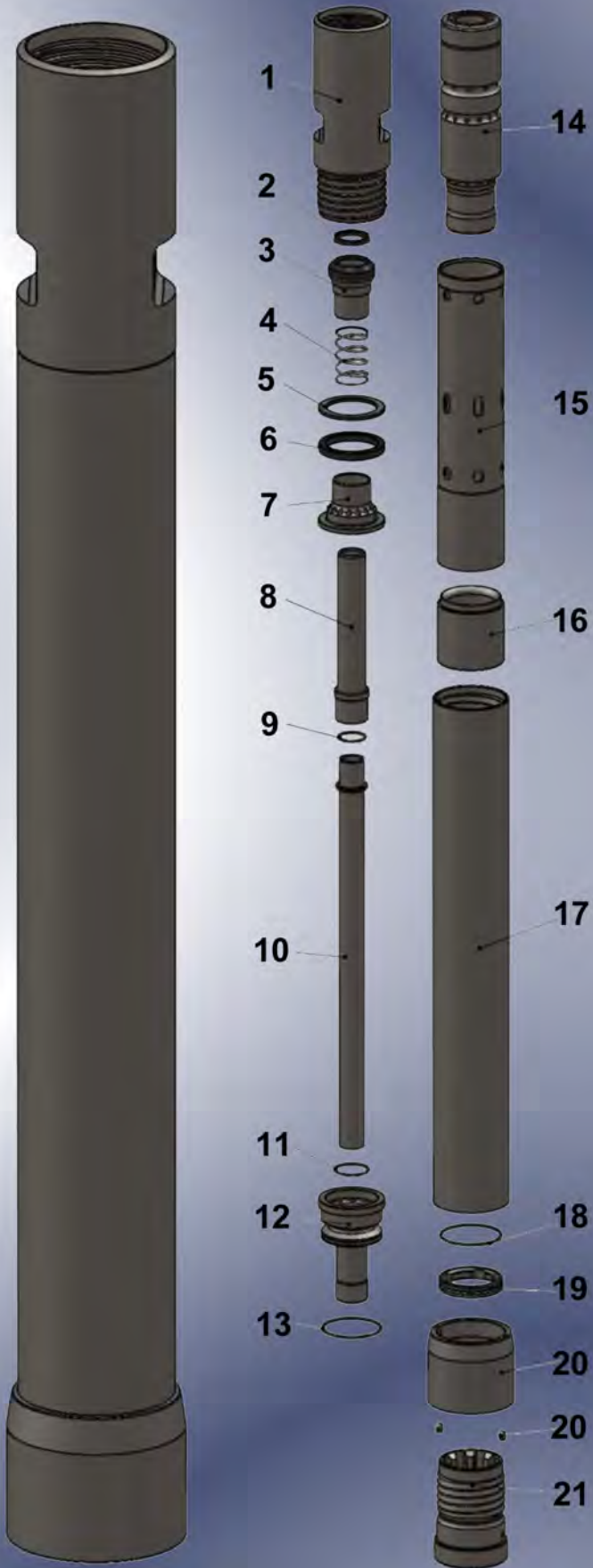
## AIR CONSUMPTION

150 PSI	Requires 225 CFM
200 PSI	Requires 330 CFM
250 PSI	Requires 400 CFM
300 PSI	Requires 510 CFM
350 PSI	Requires 625 CFM

**The Missile reverse circulation range of hammers are in use on a wide range of drilling machines in varied geological formations.**

**Extreme precision engineering makes the Missile Explorer the best choice for tough applications requiring blazing fast penetration rate, accurate samples, and exceptional long-life performance.**





## HAMMER SPECIFICATIONS

Length (w/o drill bit)	45.622"
Outside Diameter	4.748"
Weight (w/o bit)	143.44 lbs.
Cylinder Bore	3.775"
Piston O.D.	3.769"
Piston Stroke	3.346"
Piston Weight	27.2 lbs.
Hole Sizes	5 1/8" ~ 5 3/4"
Air Pressure Consumption	150 psi ~ 350 psi
Wrench Size	A/F 3.496"
Connection	Std. 4 1/2" Remet

## 475LX COMPONENT PARTS

No.	Description
1	Back Head
2	N.R.V. Seal
3	N.R.V. Valve
4	N.R.V. Spring
5	Make Up Steel
6	Make Up Rubber
7	N.R.V. Housing
8	Sample Tube Top
9	O-Ring
10	Sample Tube Bottom
11	Air Distributor Inner O-Ring
12	Air Distributor
13	Air Distributor Outer O-Ring (2)
14	Piston
15	Inner Sleeve Cylinder
16	Bit Bearing Bushing
17	Wear Sleeve
18	Bit Retaining Ring O-Ring
19	Bit Retaining Ring
20	Locking Shroud
20	Shroud Locking Key (2)
21	Chuck w/Lock

## AIR CONSUMPTION CHART

PSI	100	150	200	250	300	350	400
cfm	-	325	430	500	610	725	-

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