

# HD1

## PRO PACK ULTIMATE 350 12V ELECTRIC DRIVE SYSTEM

**36 CFM**



**100% ELECTRIC**

The HD1 Pro Pack Ultimate 350, a cutting-edge electric-powered vacuum pumping system, offers a fully integrated vacuum pump solution for Slide-In Tank and Portable Restroom applications. It eliminates the need for a gas engine while providing all essential components for your pumping needs in one lightweight and compact system. Simply mount, connect the plumbing, attach to a 12V battery source, and get to pumping!

With over 100 years of experience in the vacuum/pressure pump industry, you can be confident in choosing Masport pumps and systems for your vacuum pump needs.

**We're here to make you the #1 go-to pumper to get the job done.**

### ***PRO PACK ULTIMATE 350 QUALITY & PERFORMANCE***

- ▶ Designed for tank sizes up to 1000 Gallons
- ▶ 36 CFM – HD1 Pump (Vacuum Only)
- ▶ Quiet Operation
- ▶ Electric Motor = No Gas Engine
- ▶ Easy Operation with a Flip of a Switch
- ▶ Lightweight and Compact Design – 115lbs
- ▶ 1-Year Performance Warranty

### **FULLY INTEGRATED SYSTEM INCLUDES:**

- FloJet® Water Pump – 4.6 GPM & 45 PSI
- 1 Hp 12V DC Electric Motor
- Electric Control Box with Operational Switches for:
  - Vacuum Pump
  - Water Pump
  - Auxiliary Light
- Adjustable Automatic Vacuum Switch for maximum efficiency
- Oil Reservoir with Built-In Drippers
- Oil Separator/Muffler
- Secondary/Scrubber
- Vacuum Relief Valve
- Vacuum/Pressure Gauge



# HD1 // PRO PACK ULTIMATE 350

## Performance Data – Vacuum

PUMP R.P.M.	DISPLACEMENT C.F.M.	S.C.F.M. and A.C.F.M. @ VACUUM											MAXIMUM VACUUM – “Hg	
			5	10	15	18	20	22	24	25	26	27	CONTINUOUS	INTERMITTENT
1250	19	SCFM	15	12	9	6	5	4	3	2	1.3	0.8	20	27
		ACFM	18	18	17	16	15	14	13	12	10	8		
1425	23	SCFM	17	14	10	8	6	4	3	2	2	1	20	27
		ACFM	21	20	20	19	18	17	16	14	12	10		
1750	30	SCFM	23	18	13	10	8	6	5	4	3	1.7	20	27
		ACFM	28	27	27	26	25	24	23	22	20	17		

## Performance Data – Pressure

PUMP R.P.M.	DISPLACEMENT C.F.M.	S.C.F.M. @ P.S.I.G.							MAXIMUM PRESSURE – P.S.I.G.	
		2	4	5	8	10	12	15	CONTINUOUS	INTERMITTENT
1250	19	18	18	17	17	16	16	15	15	15
1425	23	22	21	21	20	20	19	19	15	15
1750	30	28	27	26	26	25	25	24	15	15

## Horsepower Required @ “Hg

PUMP R.P.M.	VACUUM “Hg		
	15	20	27
1250	0.9	1.0	1.2
1425	1.0	1.2	1.4
1750	1.3	1.5	1.8

## Horsepower Required @ P.S.I.G.

PUMP R.P.M.	P.S.I.G.		
	5	10	15
1250	0.9	1.3	1.6
1425	1.0	1.5	1.8
1750	1.2	1.9	2.2

