

## Sand Manure Separator Capacities Based on Type of System Installed

### Closed Loop Scrape or Vac System

	Power, Typ.	Shaft Speed, Max.	Fresh Water	Recycled Water	Operating Shaft Speed, Typ.	Input		Output
	Hp	rpm	gpm	gpm	rpm	gpm	cows/hr	tph
12" X 12' SW	2	6	2-3	0	6	15	35	1
20" X 22' SMS	5	11.3	1-3	48	4	15	35	1
36" X33' SMS	10	8.6	3-5	150	3	50	110	3
36" X33' SMS, Double	2 X 10	8.6	6-10	300	3	100	215	6

### Channel System

	Power, Typ.	Shaft Speed, Max.	Fresh Water	Recycled Water	Operating Shaft Speed, Typ.	Input	Output
	Hp	rpm	gpm	gpm	rpm	cows/hr	tph
20" X 22' SMS	5	11.3	1-3	48	11.3	218	6
36" X33' SMS	10	8.6	3-5	144	8.6	655	18
36" X33' SMS, Double	2 X 10	8.6	6-10	288	8.6	1309	36

### Sand Lane Solutions

	Power, Typ.	Shaft Speed, Max.	Fresh Water	Recycled Water	Operating Shaft Speed, Typ.	Input	Output
	Hp	rpm	gpm	gpm	rpm	cows/hr	tph
20" X 22' SMS	5	11.3	1-3	48	11.3	727	20
36" X33' SMS	10	8.6	3-5	144	8.6	1818	50
36" X33' SMS, Double	2 X 10	8.6	6-10	288	8.6	3636	100