

# Pneu-Dart Model 178BS Air-Pump Projector Power Control Chart with Optics

Distance	0.5 cc	HOLD	1 cc	HOLD	1.5 cc	HOLD	2 cc	HOLD
5 yards	2 pumps	(-) 2"	2 pumps	(-) 2"	2 pumps	(-) 2"	2 pumps	(-) 1"
10 yards	2 pumps	0	2 pumps	(+) 1"	2 pumps	(+) 4"	3 pumps	0
15 yards	3 pumps	(-) 3"	3 pumps	(-) 1"	3 pumps	(+) 2"	3 pumps	(+) 4"
20 yards	3 pumps	(+) 2"	4 pumps	(+) 2"	4 pumps	0	4 pumps	(+) 2"
25 yards	4 pumps	(+) 5"	5 pumps	0	5 pumps	(+) 2"	5 pumps	(+) 6"
30 yards	5 pumps	0	5 pumps	(+) 4"	6 pumps	(+) 4"	6 pumps	(+) 6"
35 yards	6 pumps	(+) 4"	7 pumps	(+) 1"	8 pumps	(+) 2"	8 pumps	(+) 8"
40 yards	NR	NR	NR	NR	NR	NR	NR	NR

Distance	3 cc	HOLD	4 cc	HOLD	5 cc	HOLD	6 cc	HOLD
5 yards	2 pumps	0	2 pumps	(+) 1"	2 pumps	(+) 1"	3 pumps	(+) 3"
10 yards	3 pumps	(+) 1"	3 pumps	(+) 4"	3 pumps	(+) 3"	5 pumps	(+) 2"
15 yards	4 pumps	0	4 pumps	(+) 4"	6 pumps	0	6 pumps	(+) 5"
20 yards	6 pumps	0	6 pumps	(+) 5"	8 pumps	0	8 pumps	0
25 yards	7 pumps	(+) 4"	8 pumps	(+) 1"	10 pumps	(+) 4"	10 pumps	(+) 10"
30 yards	9 pumps	(+) 5"	10 pumps	(+) 3"	10 pumps	(+) 10"	NR	NR
35 yards	NR	NR	NR	NR	NR	NR	NR	NR
40 yards	NR	NR	NR	NR	NR	NR	NR	NR

Distance	7 cc	HOLD	8 cc	HOLD	9 cc	HOLD	10 cc	HOLD
5 yards	4 pumps	0	4 pumps	0	4 pumps	0	4 pumps	(+) 1"
10 yards	5 pumps	(+) 2"	6 pumps	0	6 pumps	0	6 pumps	(+) 2"
15 yards	7 pumps	(+) 2"	7 pumps	(+) 2"	7 pumps	(+) 4"	8 pumps	(+) 5"
20 yards	9 pumps	(+) 6"	10 pumps	(+) 8"	10 pumps	(+) 8"	10 pumps	(+) 10"
25 yards	NR	NR	NR	NR	NR	NR	NR	NR
30 yards	NR	NR	NR	NR	NR	NR	NR	NR
35 yards	NR	NR	NR	NR	NR	NR	NR	NR
40 yards	NR	NR	NR	NR	NR	NR	NR	NR

**Please note:** This chart is merely a guideline. We encourage all customers to independently construct a trajectory chart with their own projector prior to delivering a dart at an animal.

(+) = implies hold above intended point of impact  
 (-) = implies hold below intended point of impact  
 NR = not recommended

