

PANTHER ENGINE SPECIFICATIONS

SUGGESTED APPLICATIONS

	A400	A490
Midget Cars	X	X*
Bicycles		X
Saws		X
Augers	X	X
Conveyors	X	X
Drills	X	X
Cutters	X	X
Pumps	X	X
Fans	X	X
Sprayers	X	X
Generators	X	X
Tampers	X	X

Plus hundreds of farm, home, industrial and construction jobs.

*A490 available with reverse rotation.

ENGINE SPECIFICATIONS

Basic Model	Stock No.	H.P.	App'r Shp. WT.	Fuel Capacity	Type Str.	Crank Part No.	Crank Diam.	Ref. No.	Base	Special Notes
VS400	21401	2.5@3800	24	1 Qt.	Recoil	2370-1	7/8"	1	8"	
A400	21402	2.5@3800	27	1½ Qts.	Recoil	2252-1	5/8"	2		
A400	21546	2.5@3800	27	1½ Qts.	Recoil	2252-1	5/8"	2		Note 1
A400	21547	2.5@3800	27	1½ Qts.	Recoil	2252-1	5/8"	2		Note 1 — Reverse Rotation
A460	21403	2.5@633	27	1½ Qts.	Recoil	2256-1	5/8"	3		6:1 Gear Reducer
A490	21404	2.5@3800	27	1½ Qts.	Recoil	2253-1	5/8"	4		1½" Pilot Diam. Ball Bearing
A490	*21526	2.5@3800	27	1½ Qts.	Recoil	2253-1	5/8"	4		1½" Pilot Diam. Ball Bearing Reverse Rotation
A490	21548	2.5@3800	27	1½ Qts.	Recoil	2253-1	5/8"	4		Note 1
A490	21549	2.5@3800	27	1½ Qts.	Recoil	2253-1	5/8"	4		Note 1 — Reverse Rotation
E65	21529	4.5@3800	23	—	—	403170	5/8"	5		Note 2 — Reverse Rotation
E65	21530	4.5@3800	23	—	Recoil	403171	5/8"	5		Note 2

*These models no longer listed in engine price list. Do not order from factory. They are being listed for field stock purposeonly.

NOTE 1: Engine specifically designed for go kart application. Includes aluminum flywheel, rubber boot w/clip on high tension lead, remote starting terminal.

NOTE 2: Engine specifically designed for go kart application. Ball bearing P.T.O., Guided needle bearing rod, needle bearing flywheel side.

SUGGESTED APPLICATIONS

	VS400
Lawn Mowers	X
Vibrators	X
Mixers	X
Brush Cutters	X

Plus many other farm and home jobs.

DIMENSIONAL SPECIFICATIONS

Engine	A Height	B Width	C Length	D Centerline Left Top	E Centerline Right Top	F Centerline Base Mtg. Right	G Centerline Base Mtg. Left	H Crank- shaft Height
VS400	9	8.562	15.562	8.625	6.937			
A400	9.750	13.875	8.891	7.375	6.500	2.593	3.782	4.170
A490	9.750	13.875	8.891	7.375	6.500	2.593	3.782	4.170
A460	9.750	13.875	11.967	9.125	4.750	4.343	2.032	4.170
E65	8.750	15.625	8.250	7.50	8.125	3.188	3.188	4.563

CRANKSHAFT DIMENSIONS

