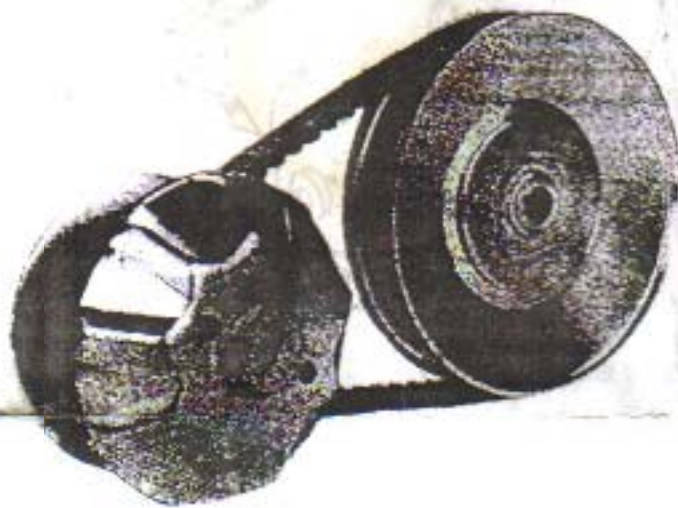




MAGNUM 44 C.V.T.

(CONTINUOUSLY VARIABLE TRANSMISSION) SYMMETRICAL



GENERAL INFORMATION: The Magnum 44 Torque Converter System for up to 18 H.P. applications falls between the models TC20-TC30 at 3 H.P. to 8 H.P. and the 94C - 108EXP series for 25 H.P. and up. A rugged piece of machinery, the drive clutch is designed to withstand the extreme rigors of rough applications. The driven unit is of the same quality construction as the drive clutch. Application possibilities cover a wide range . . . by changing pucks and spring you can convert the Magnum from the standard 4 cycle setup to be used on 2 cycle engines. The Model 44C coupled with either the 40D or 44D is designed for numerous applications including the recreational vehicles such as the big three wheelers, ATV'S, LTV'S and the ETV. (Economy Transportation Vehicles). Materials handling and other commercial uses like; oil well pumps, tractors, tillers, mowers, construction equipment, plus industrial equipment. In short, wherever there is a need, want and use for a torque sensitive drive system device that is infinitely variable from engagement to the highest speeds attainable (within the pitch diameter range) . . . this system should be considered.

NOTE: This literature contains information on the 44C Drive Clutch and the 40D and 44D Driven Units, either of which may be used in combination with the 44C Drive Clutch.

44 MAG w/40D		44 MAG w/44D	
SPEED REDUCTION RATIOS			
HIGH	LOW	HIGH	LOW
1:1	2.43:1	1.24:1	2.83:1
OVERALL 2.43		OVERALL 2.29	

RECOMMENDED H.P.
Max 18 H.P. 4 Cycle 5000 Max RPM
DRIVE BELT: 7/8" Top Width
Symmetrical Type
DRIVE CLUTCH BORE SIZES:
3/4", 1", 1 1/8"
40D DRIVEN BORE SIZES:
5/8", 3/4", 7/8"--7 1/2 Dia.
44 D DRIVEN BORE SIZES:
3/4" -- 8 1/2 Dia.