



Application News

From Ramsey Products

Model Railroad Incorporates Silent Chain Drive

Application:

- Miniature Railroad Engine Drive
- 5 HP Engine Driven Hydraulic Motors.
- 500 RPM Drive w/ 2:3 Drive Ratio.

Components Selected:

- Ramsey RPV304 chain.
- Ramsey RPV sprockets.



Description: A model railroad enthusiast contacted Ramsey Products to discuss incorporating a silent chain drive into his scale model railroad engine. The engine is powered by a 5 HP gasoline engine driving two hydraulic motors. The chain drive is required to transfer the power from the hydraulic motors running at 500 rpm to the drive axles. A drive ratio of 2:3 (speed up) will allow the engine to run at 8 to 10 mph. Ramsey engineering assisted the customer in selection of a suitable drive for this very interesting application. The result is a smooth running transmission with positive and efficient transfer of power.

Contact Ramsey Products for assistance with your application. We will provide a no obligation review of your drive requirements.

The Source for Silent Chain and Sprockets <http://ramseychain.com>

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