



VARIABLE SPEED DRIVES

Variable Speed Drives (VSD's) are a common feature of modern industry. In most installations where an induction motor speed needs to be controlled, an AC VSD will be used.

Modern VSD's utilise complex techniques that can provide many benefits such as:

- Speed & torque control
- Energy savings
- High starting torques
- Regeneration

Due to the nature of the electrical waveforms generated by these appliances, many factors must be considered.

Factors such as line and load side harmonics, EMF, motor heating, torque production can all be affected by the use of a VSD.

Thorburn Australia engineers have experience designing, building and commissioning VSD systems from small LV drives up to high voltage, high power large scale drives.

Whether it's a small pump station or an overland conveyor system, Thorburn Australia can help you.



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