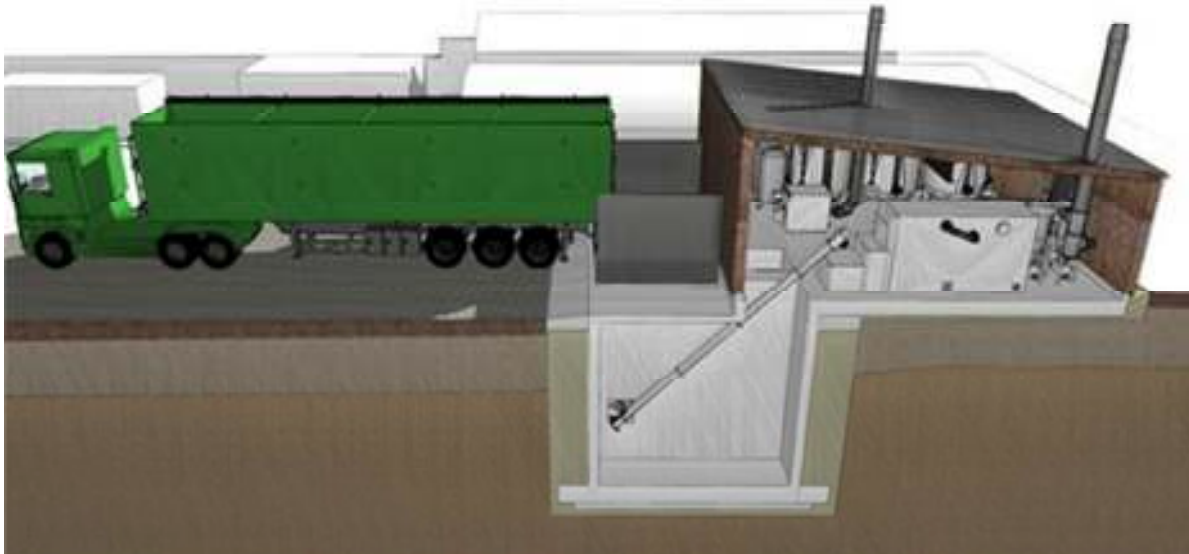


Wood energy cartage options in Southland, NZ

Wood Energy South has partnered with the Energy Efficiency and Conservation Authority (EECA) to deliver the Wood Energy South project (www.woodenergysouth.co.nz). The main objective of the project is to develop an industrial wood energy market in Southland.



The design of the fuel delivery and storage is influenced by the types of truck options available. For a walking floor or tip truck, the above design would work well and there are numerous other delivery and storage designs including:

Tipping to under-ground bunker-This delivery system stores the chip below ground and allows quick delivery of the fuel.



Above ground auger system- This type of system is very common where a new bunker, has been built next to the boiler house. This bunker can be purpose built or a grain silo (as shown in picture). The feed rate of the auger determines the time required for a truck to discharge the fuel. Typical feed rates vary from 20-50m³/h so it is not uncommon for a truck to take 30-60 minutes to discharge.



Blower truck option- In Southland this option is not being used for woodchip and is more commonly used for grain. However, this doesn't mean it couldn't be used for woodchip. The chip size and specification will determine if this is a viable option. The discharge rate of a blower is similar to an auger system.



Cartage operators in Southland

There are a large number of cartage operators in the Southland Region. These operators have a variety of truck and delivery options. The following list has been developed from local companies that are capable of carting woodchip in Southland.

Company	Contact	Phone	Truck capacity (m ³)	Trailer capacity (m ³)	Total (m ³)	Discharge
DT Kings	Paul Balneaves	(03)225-5899	26	30	56	Rear tip w blower
			35	50	85	Rear tip
Northern Southland	Brett Gilmour	(03)214-4957	40	-	40	Rear tip
			40	50	90	Rear tip
McNeills	Andy Boniface	(03) 230-3000	20	-	20	Rear tip
			50	-	50	Rear tip
			50	50	100	Rear tip
Dynes	Al Marshall	(03) 478-8018	40	50	90	Walking floor trailer

If you have any further questions please get in touch with:

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Truck dimensions

