

Ferrari Tractor CIE

"Appropriate Technology for Agriculture"

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Radical Technology for Extreme Slope Mowing

Robotic "Spider" 48" mower capable of working a 40 degree slope uses 4 x 4 wheel drive with all 4 wheels steering and mows in any direction. Still steeper slopes to 50 degrees are workable using an on board winch. Power is from 23 HP gas engine driving four rotary blades cutting 2" to 5" off the ground. Machine weighs just 750 lbs, spread over its 4 pneumatic tires, creates less ground pressure than a man's foot print, it goes where no self-propelled riding mower or tractor mounted mower can operate. Its overall dimensions are 65" x 57" x 37" tall, ideal for operating below vineyard canopy or tree branches allowing a clean understory to be maintained. A still narrower version is also available that uses a single rotary blade.

Complete control is provided by a small radio control box in hands of operator standing safely on top of or below the slope. The radio control technology has long been used in mining and other dangerous industrial settings and is now available for agricultural and horticultural applications. With electronic controls operator can raise or lower cutting height and direct mower in any direction.

Steep, high density plantings can be managed easily and safely, fire breaks and cleaning of understory in difficult terrain is readily done, levees, highway cuts, ditch banks all can be maintained without herbicides. Noxious weeds can be suppressed by timely repeated mowing in dangerous terrain giving native or more desirable vegetation time to be reestablished. You will find the Spider is an ultra modern technology that truly is in the service of ecological farming and the environment.

