



DirectForce Pro

The DirectForce Pro Wheel is a state of the art sim racing direct drive system engineered to create a superior racing experience.



Why Direct Drive?

Real racecars can generate upwards of 20 Nm of force through the steering wheel. For a professional racecar driver, this force is critical to feeling what the car and tires are doing at any given moment. This is where Direct Drive wheels offer a competitive advantage over the competition.

With consumer-grade wheels being able to produce approximately 3-7 Nm of force, the DirectForce Pro Wheel peaks at 20 Nm - enough to truly simulate how a racecar feels.

However, it's not just about the force. It's also about how quickly and accurately the wheel can deliver those forces. You will feel even the small changes in grip under low and high load conditions. And when the back end starts to slip out the wheel will start to self-correct. All this means a more realistic experience!

By the numbers...

Consumer-Grade Wheels **3-7 Nm** (Newton Meters)

Your Street Car **5 Nm**

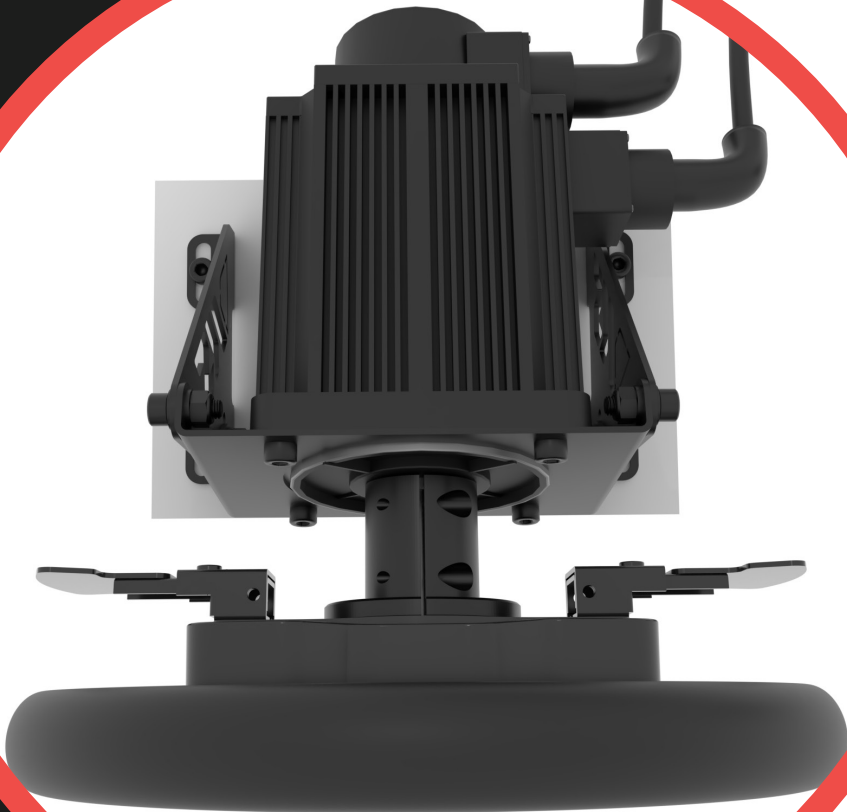
Racecar **20 Nm (+/- 10 Nm)**

VRS DirectForce Pro **20 Nm**



MiGE Motor

The DirectForce Pro Wheel is powered by the popular MiGE 130ST-M10010 ("Small" MiGE) Motor. Providing precision, power (20 Nm peak), and durability, this motor can connect to several popular steering wheel rims via our hub adapter.



VRS Wheel Controller

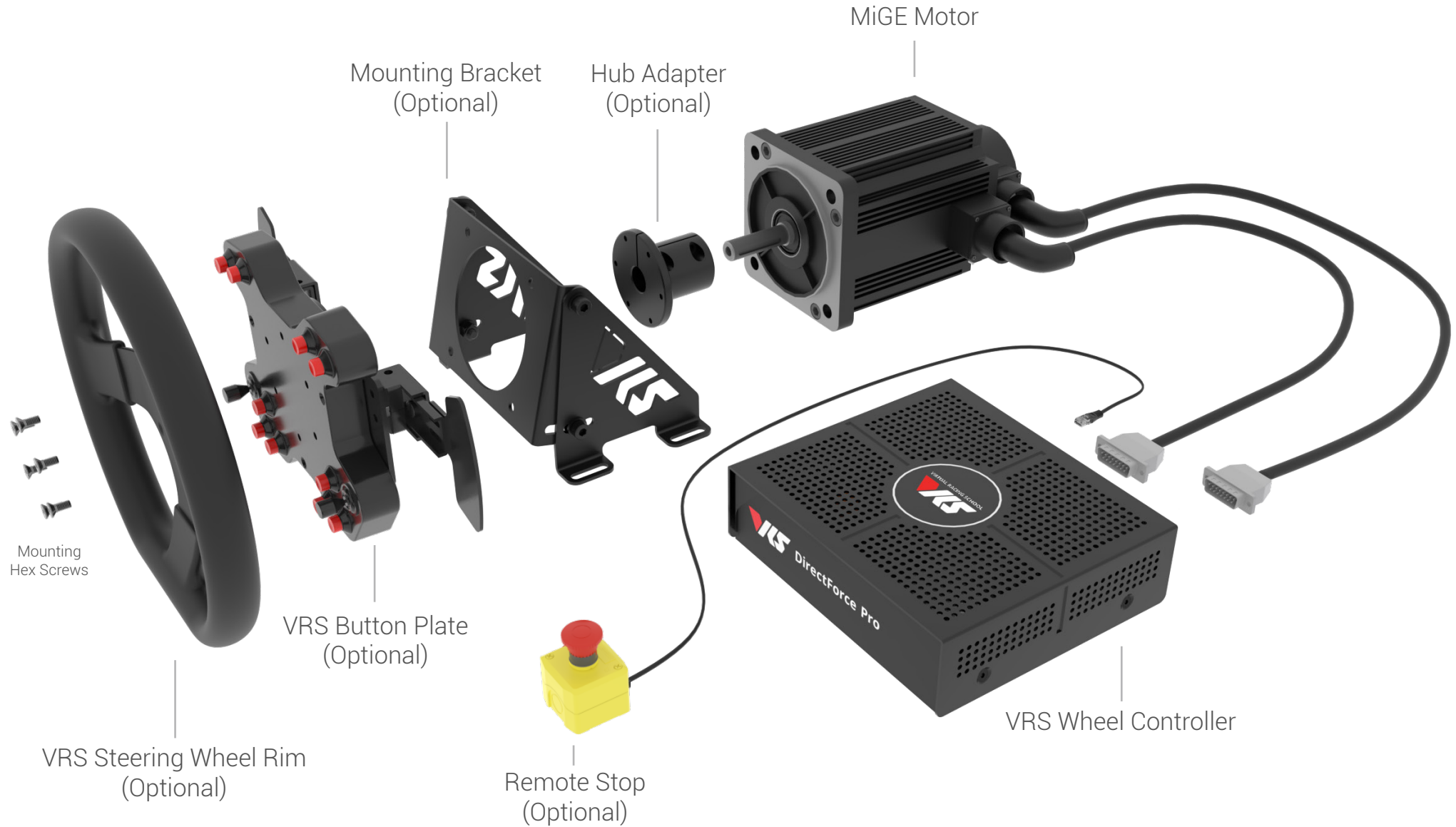
The MiGE Motor is controlled by the VRS DirectForce Pro Wheel Controller, known as the “brain” of the solution.

Inside the compact enclosure is an all-in-one USB Force Feedback & Motor Controller board bundled with a 400W fanless PSU and brake resistor.



Solution Overview

DirectForce Pro Wheel



Example Setup

Whether you're racing on a simple office desk, or you have a full-blown racing cockpit, you'll be able to mount DirectForce Pro Wheel where you want it.



Parts List

DirectForce Pro Wheel

Part Number	Description
Finished Kits	
K-DFP-01	Complete DirectForce Pro Wheel - Kit includes motor, mounting kit, and controller
Wheel Base Components	
DFP-C01	DirectForce Pro Wheel Controller and USB Cable
130ST-AM10010-DFP	20 Nm "Small" MiGE Motor, Connecting Cables
Steering Wheel Components	
DFP-W01	Steering Wheel Rim and Mounting Screws
DFP-WP01	Steering Wheel Rim Button Plate Attachment and Mounting Screws
Other Accessories	
DFP-MH01	Hub Adapter
DFP-MB01	Mounting Bracket
DFP-MS01	Remote Stop