



metalrota s.r.l.
MODENA - ITALY

FlenTek Solutions, Inc.

ISO 9001:2015 Certified Company
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Drive Wheels Request Form

Company Name _____
 Address _____
 Telephone N. _____ Fax N. _____
 E-mail _____
 Contact Reference _____

Vehicle type _____ Quantity per batch _____
 Wheel diameter (mm) _____ Floor surface _____
 Direct Weight over the wheel (kg) without load _____ with load _____
 Vehicle selfweight with operator and batteries (kg) _____ Load to carry (kg) _____
 Towing capacity (if any additional trolley behind) (kg) _____
 Max speed on flat (km/h) without load _____ with load _____
 Max climbing slope (%) without load _____ with load _____
 Max speed on slope (km/h) without load _____ with load _____
 Acceleration (m/sec²) _____
 Duty Short Service tl= _____
 tl= service time (min) Shifts Service % = _____
 tr= resting time (min) Cyclic Service tl= _____ tr= _____

Drive wheel type Horizontal Vertical
 Power (W) _____
 Voltage (12, 24, 48, 72, 80V) _____ Other _____
 DC Motor wounds Series wound Separately Excited
 Shunt wound PM
 AC Motor Speed sensor Thermal sensor
 Brushless PMS Motor (synchronous) Speed sensor Thermal sensor
 Environment and required IP _____
 Preferred wheel material (Vulkollan, Poliurethane or Rubber) _____
 e/m brake Yes No
 Incremental Encoder Pulses (ppr) _____ Voltage (TTL, HTL) _____
 Connector type (8 pin M12, 12 pin EML, cable) _____
 Absolute Encoder (specify) _____
 Thermal protection Yes No
 Tacho generator Yes No

Electric Steering System Yes No
 Limit end switches Yes No
 Steering Incremental Encoder Pulses (ppr) _____ Voltage (TTL, HTL) _____
 Connector type (8 pin M12, 12 pin EML, cable) _____
 Absolute Encoder (specify) _____
 Potentiometer Yes No
 Mechanical limits Yes No
 NOTES: _____

