



Associated Rewinds (Ireland) Ltd

Since Associated Rewinds was established in 1986, over €20 million has been invested into our three modern facilities which measure over 24,000 sqm of internal space, and house the latest cutting-edge equipment so we can deliver precision engineered Traction Motors to our clients.

Our services include the Repairing, Re-engineering, and Maintenance of DC & AC Traction Motors from all types of Trains, Trams and Metro systems. Our industry leading turnaround times, and warranties provided on our work, give our clients extra comfort when dealing with us.

We Offer Our Clients Reliability

At Associated Rewinds we know that our clients depend on their trains to work for them every day, without fail, so we deliver the reliability our customers require. Can you afford for your trains to be out of service? We can even offer Utex facilities to minimize down-time of locomotives.

We have reduced the number of service intervals and extended the life-cycle of locomotive fleets for clients by Re-engineering their Motors and by only using top-quality materials. We have an excellent reputation in the rail industry for doing quality work, and we intend to keep it that way.

Quality Assurance - Research & Development

At Associated Rewinds, our mission is to provide our customers with a quality product and service. We are fully accredited ISO.9001:2008 Quality System, ISO.14001:2004 Environmental Management, and OSHAS 18001:2007 Health and Safety. We guarantee our customers the most efficient professional service through our implementation of industry best practice.

Our stringent in-house testing procedures and full adherence to all International Standards of Quality Assurance, Health & Safety and Environmental Management, ensures the highest quality and reliability of our Traction Motors.

Research & Development is an intrinsic part of the ethos of our business. We have a highly qualified and vastly experienced R&D team who provide innovative solutions to our customers problems. Our focus is the re-design of problematic AC/DC motors, which have a history of failures and unreliability. Our innovative solutions lead to longer maintenance intervals and improved performance and reliability, resulting in long term cost savings for our customers.

We are committed to a policy of continuous improvement of our systems with on-going training and development of our skilled staff. The commitment of our staff to maintaining customer relationships and fulfilling customer requirements in terms of quality, delivery and service is key to our success.

Approvals

Associated Rewinds is part of the UK rail industry Link-Up Scheme. We fully meet all the requirements for the repair and overhaul of safety critical items covered by UK Railway Group Standards.



CNC TURNING/MILL ARMATURE SHAFT & ENDBELL HOUSING





CNC SHAFT CYLINDRICAL GRINDER





CNC PLOTTING MACHINE



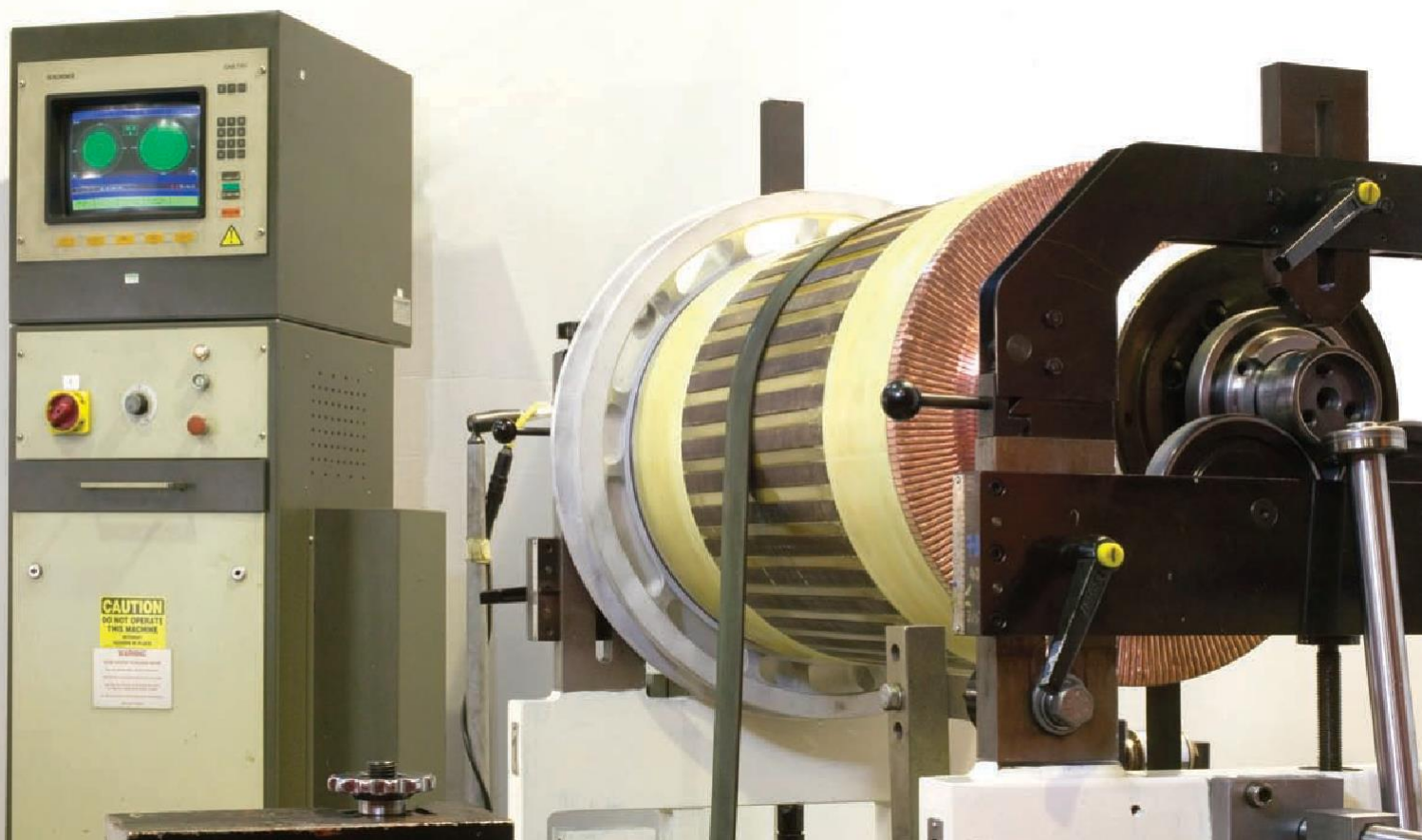


CNC AUTOMATIC TAPING MACHINE





PRECISION ARMATURE BALANCING



SCHENCK		CAB720	
ASSOCIATED REWINDS (IRELAND) LIMITED TALLAGHT BUSINESS PARK WHITESTOWN DUBLIN 24 Tel No 00-353-1-452-0033 Fax No 00-353-1-452-0476			
Rotor file:	D43		
Rotor ID:	E174-32063-99J16		
Date:	16.11.2007		
Rotor data:			
Balancing mode:	2 planes		
a = 35.0 mm	b = 745. mm	c = 35.0 mm	
r 1 = 200. mm	n set = 500 1/min	r 2 = 160. mm	
Correction: add mass. polar		Correction: add mass. polar	
Tolerance: 1440 gmm		Tolerance: 1440 gmm	
Max. tolerance factor: 10.0			
Tolerance based on ISO G 1:			
Rotor mass: 670. kg			
Operating speed: 2000 1/min			
Deviation: -10.0 %			
Center of gravity: 408. mm (rel. to the left bearing)			
k = 0.5, R = 1.0			
Results of measurement:			
Run 1		Speed: 497 1/min	
Plane 1:	+16.2 g at 357°	2.2 * tol = 3.23 kgmm	
Plane 2:	+37.0 g at 341°	4.1 * tol = 5.92 kgmm	
Run 2		Speed: 505 1/min	
Plane 1:		in tol:	829. gmm
Plane 2:		in tol:	968. gmm

ASSOCIATED REWINDS

(IRELAND) LIMITED

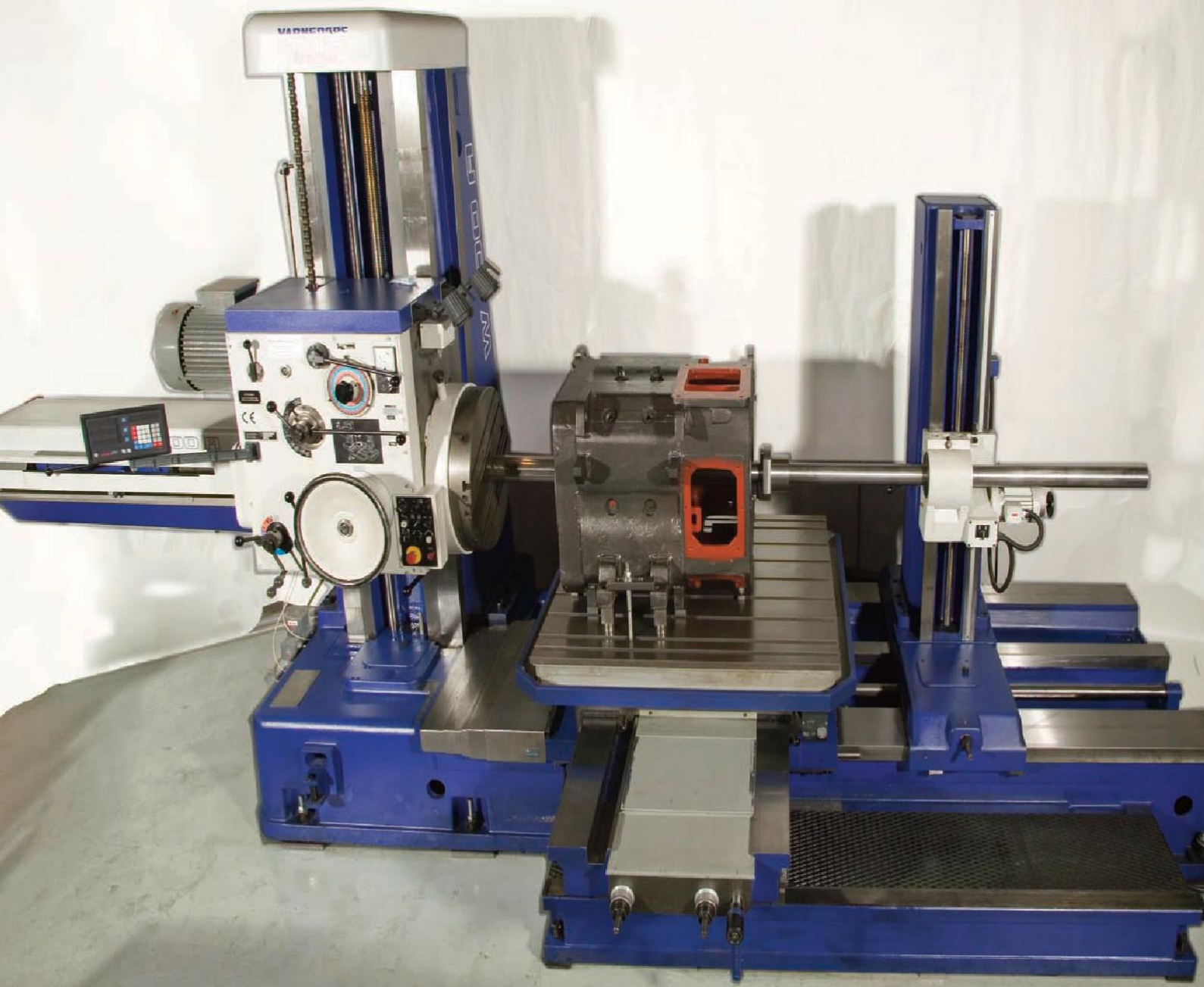
Traction Motor Specialists

Tallaght Business Park, Whitestown, Dublin 24.

Tel: 00-353-1-452 0033 Email: sales@associatedrewinds.com

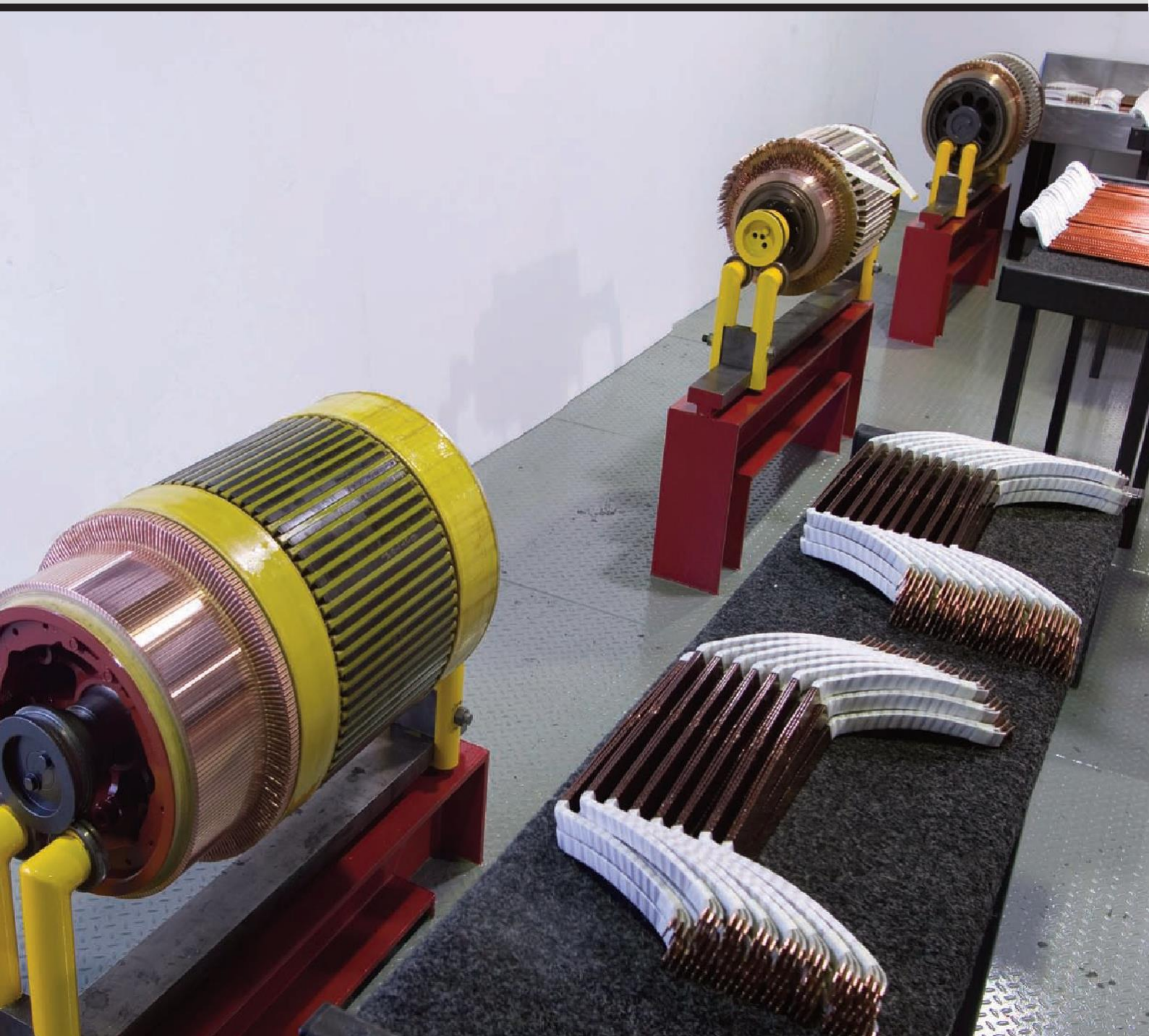


HORIZONTAL BORING MACHINE





5 YEAR WARRANTY ARMATURE REWINDS





ARMATURE / STATOR CORE LOSS ANALYSIS



ASSOCIATED REWINDS

(IRELAND) LIMITED

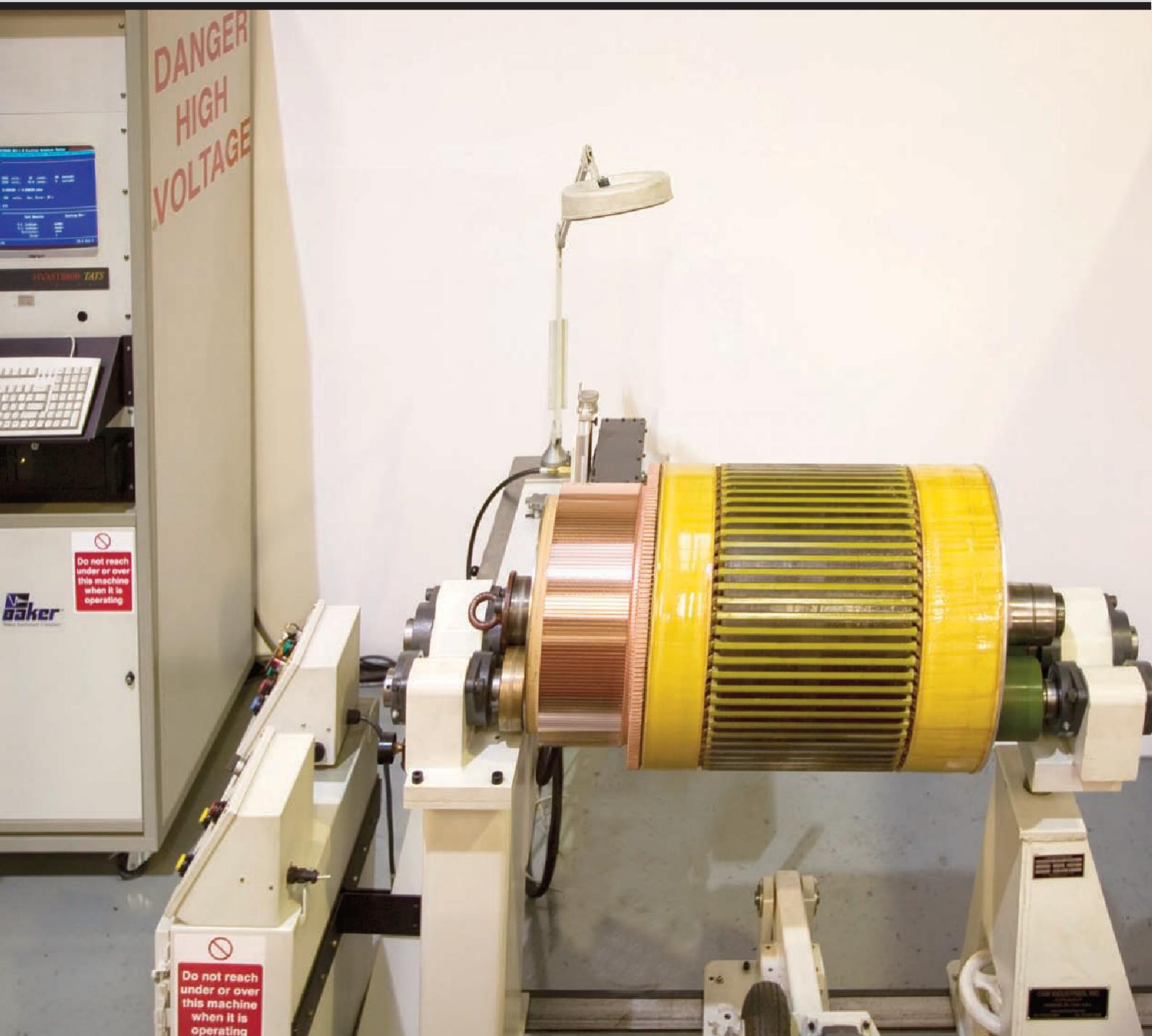
Traction Motor Specialists

Tallaght Business Park, Whitestown, Dublin 24.

Tel: 00-353-1-452 0033 **Email:** sales@associatedrewinds.com



AUTOMATIC ARMATURE TESTING RESISTANCE, SURGE, AC/DC HI-POT



ASSOCIATED REWINDS

(IRELAND) LIMITED

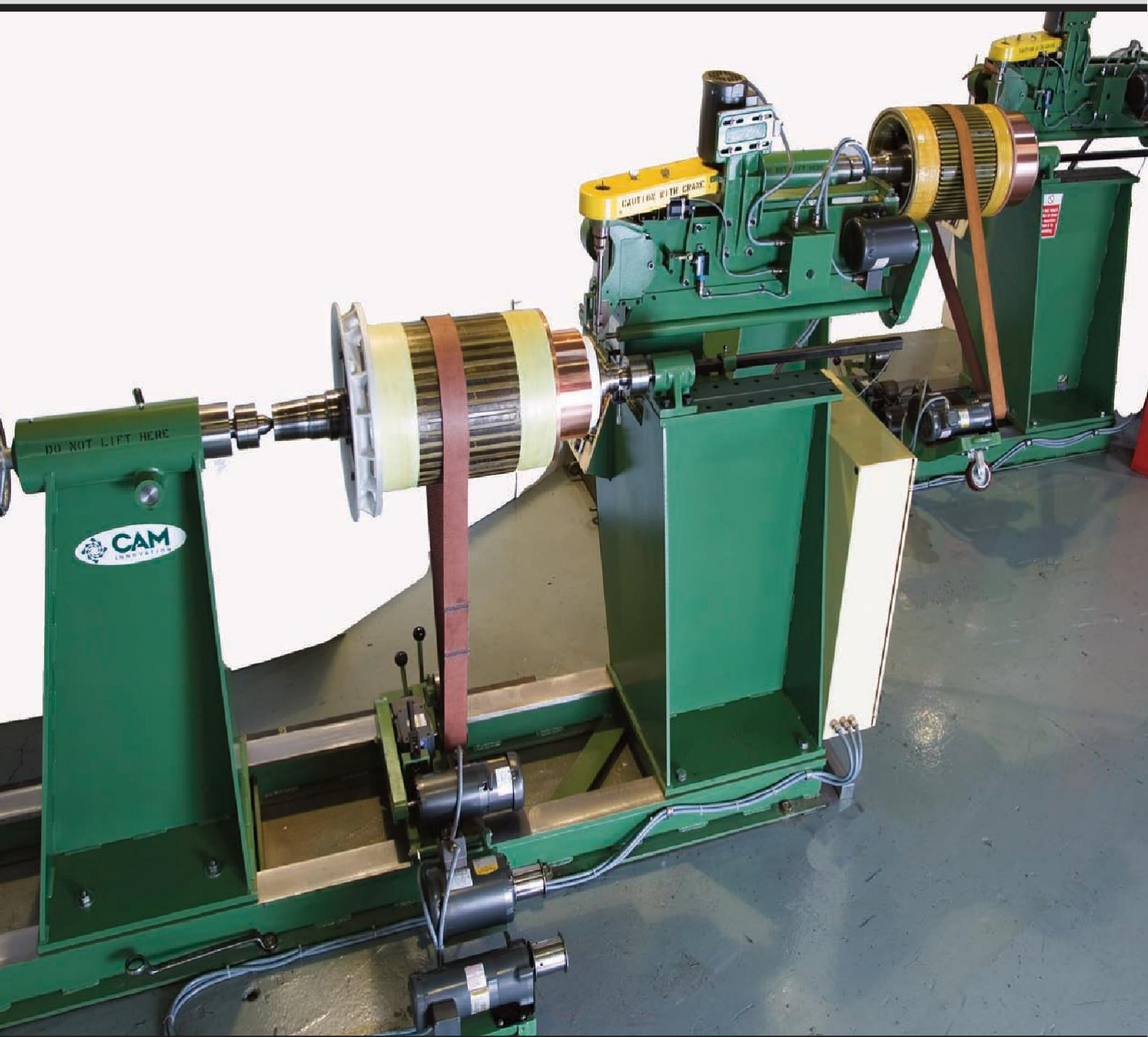
Traction Motor Specialists

Tallaght Business Park, Whitestown, Dublin 24.

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AUTOMATIC UNDERCUTTING/ BURNISHING MACHINES



ASSOCIATED REWINDS

(IRELAND) LIMITED

Traction Motor Specialists

Tallaght Business Park, Whitestown, Dublin 24.

Tel: 00-353-1-452 0033 **Email:** sales@associatedrewinds.com



VERTICAL HYDRAULIC PRESS 500 TON





AUTOMATIC TRACTION MOTOR PARTS WASHING MACHINE



5 TON CAPACITY ROTARY TURNTABLE

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QUALITY CONTROL





VPI - VACUUM PRESSURE IMPREGNATION SILICONE SYSTEM

