

Technical Report

Testing Laboratory
Product Safety

Test Report No.	TRHZPXXXXXX	
Applicant:	Rushmore Distributors Ltd. 16 Rayben St , Glendenning, NSW, 2761	
Test Item:	ratcheting jack stand (nominal load: 3 ton, 5ton and 8ton)	
Type Designation	ARMAS3000R: nominal load 3 ton, ARMAS5000R: nominal load 5 ton ARMAS8000R: nominal load 8 ton	
Incoming No.:	N/A	Date of receipt : 27.07.2009
Testing Location	The Center of Jack Testing of Shanghai School of Aeronautic Industry 128 Xiangying Road, Shanghai, P.R. China	
Test Specification:	AS/NZS 2538:2004 (excluding cl.6 Instruction for assembly; cl. 7 Instruction for use; cl. 8 marking and cl.9 Package)	
Test Result:	The above mentioned test item passed the test specification.	
Linda Yang	Signature:	Date:
Ke Xiaodong	Signature:	Date:
Remark notes:		
Abbreviations: OK/P = passed, Fail/F = Failed, N/A/ N = Not Applicable, N/T=Not tested		
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ARMAS3000R
Dimension: 220X192X303 mm,
Weight: 4.6KG



ARMAS5000R
Dimension: 300X275X400 mm
Weight: 8.1KG



ARMAS8000R
Dimension: 393X350X538mm
Weight: 20.1KG



AS/NZS 2538: 2004			
Clause	Requirement – Test	Result – Remark	Verdict
4	DESIGN AND CONSTRUCTION	P	P
4.1	General	O.K.	P
4.2	Materials	No any defect by visual check	P
4.3	Minimum Capacity	ARMAS3000R: 3000KG ARMAS5000R: 5000KG ARMAS8000R: 8000KG	P
4.4	Stability factor	ARMAS3000R 62*60/303=12.3 ARMAS5000R 87*60/400=13.1 ARMAS8000R 117*60/538=13.0	P
4.5	Engagement head	ARMAS3000R 30X108=3240mm ² ARMAS5000R 32X118=3776mm ² ARMAS8000R 45X138=6210mm ² For all three types: When the head cap is inclined at 5 degree to the horizontal, the stand can still retain a cylindrical bar (the nominal diameter is 100mm)	P
4.6	Adjustable height stand	For all three types: The height adjustment mechanism is in compliance with the requirement. No pin type adjustment. ARMAS3000R: 1.5 ⁰ ARMAS5000R: 0.9 ⁰ ARMAS8000R: 0.7 ⁰	P
4.7	Finish	No burrs on the product. Paint on product, which protect the product from corrosion.	P
5	STRUCTRUAL INTERGRITY AND OVERLOAD CAPACITY	O.K	P
5.1	Structural integrity	Tests according to appendix C were performed and the result is o.k. ARMAS3000R: 0.2% ARMAS5000R: 0.8% ARMAS8000R: 0.4%	P

AS/NZS 2538: 2004			
Clause	Requirement – Test	Result – Remark	Verdict
5.2	Overload capacity	Tests according to appendix D were performed and the result is o.k. ARMAS3000R: 1.0% ARMAS5000R: 1.1% ARMAS8000R: 0.4%	P
6.	INSTRUCTIONS FOR ASSEMBLY		N/T
7	INSTRUCTIONS FOR USE		N/T
8	MARKING		N/T
9	PACKAGE		N/T

END OF REPORT