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The test results apply to the tested structure only.

Tämän testiraportin saa kopioida vain kokonaisuudessaan.
Testiraportin osittainen kopiointi on sallittu vain MTT Vakolan kirjallisella luvalla.
Tässä testiraportissa esitetyt tulokset pätevät vain testatulle koekappaleelle.

ROPS test report for ISO 3471:2008



Avant 500/600/700-series

1. Identification

1.1. Machine

Type	wheeled earth-moving machine, loader
Manufacturer	Avant Tecno Oy Ylötie 1 FI-33470 YLÖJÄRVI FINLAND
Model number	Avant 500/600/700-series
Serial number	proto
Machine frame part number	A21148B

1.2. ROPS

Manufacturer	Avant Tecno Oy
Model	Avant 500/600/700-series
Serial number	proto
ROPS part number	A21513

2. Information supplied by manufacturer

Maximum recommended mass	2820 kg
Location of DLV	A414517

3. Criteria

Lateral load force	16.9	kN
Lateral load energy	2.6	kJ
Vertical load force	55.3	kN
Longitudinal load force	13.5	kN

4. Test results

The following force and energy levels were achieved or exceeded with no penetration by the ROPS structural member or the simulated ground planes (where applicable) into the DLV.

4.1. Lateral loading (left-hand side)

Maximum force attained after the energy requirement was achieved or exceeded	32.3	kN
Absorbed energy attained	2.6	kJ

4.2. Vertical loading

Maximum force attained	55.6	kN
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4.3. Longitudinal loading (from rear)

Maximum force attained	15.0	kN
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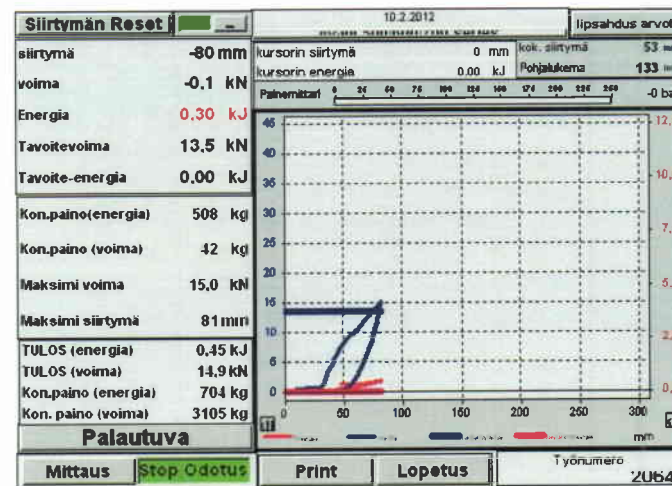
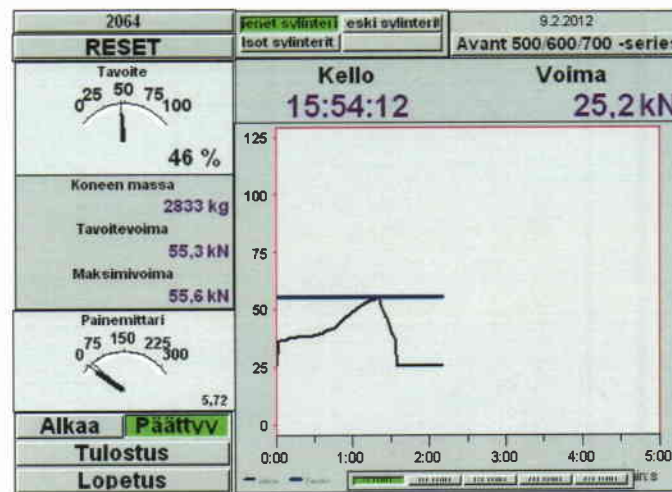
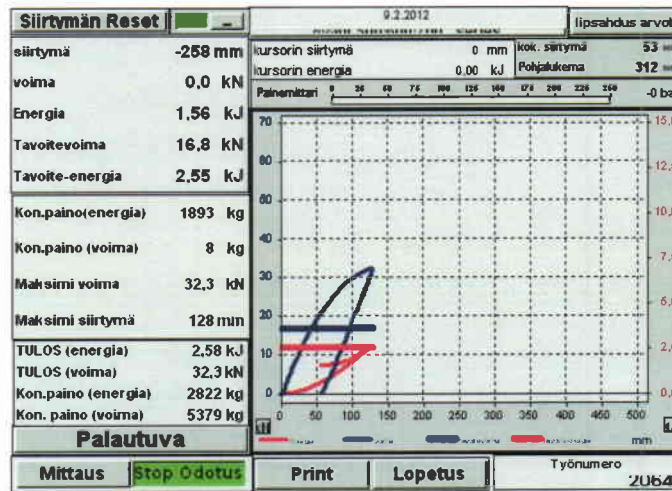
4.4. Temperature

The test was performed with ROPS and machine frame members soaked to	-18	°C
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4.5. Use of special suspension or shock-absorption system

No

4.6. Force-deflection curve for loading test



4.7. Photo of specimen

Photographs illustrating the test specimen before and after each test criteria (lateral, vertical and longitudinal) shall be included.



5. Attestation statement

The minimum performance requirements of ISO 3471:2008 were met in this test for a maximum machine mass of 2820 kg

Date of test 09.-10.02.2012

Name and address of test facility

MTT Vakola

head of inspection office



Lauri Tuunanen

test engineer

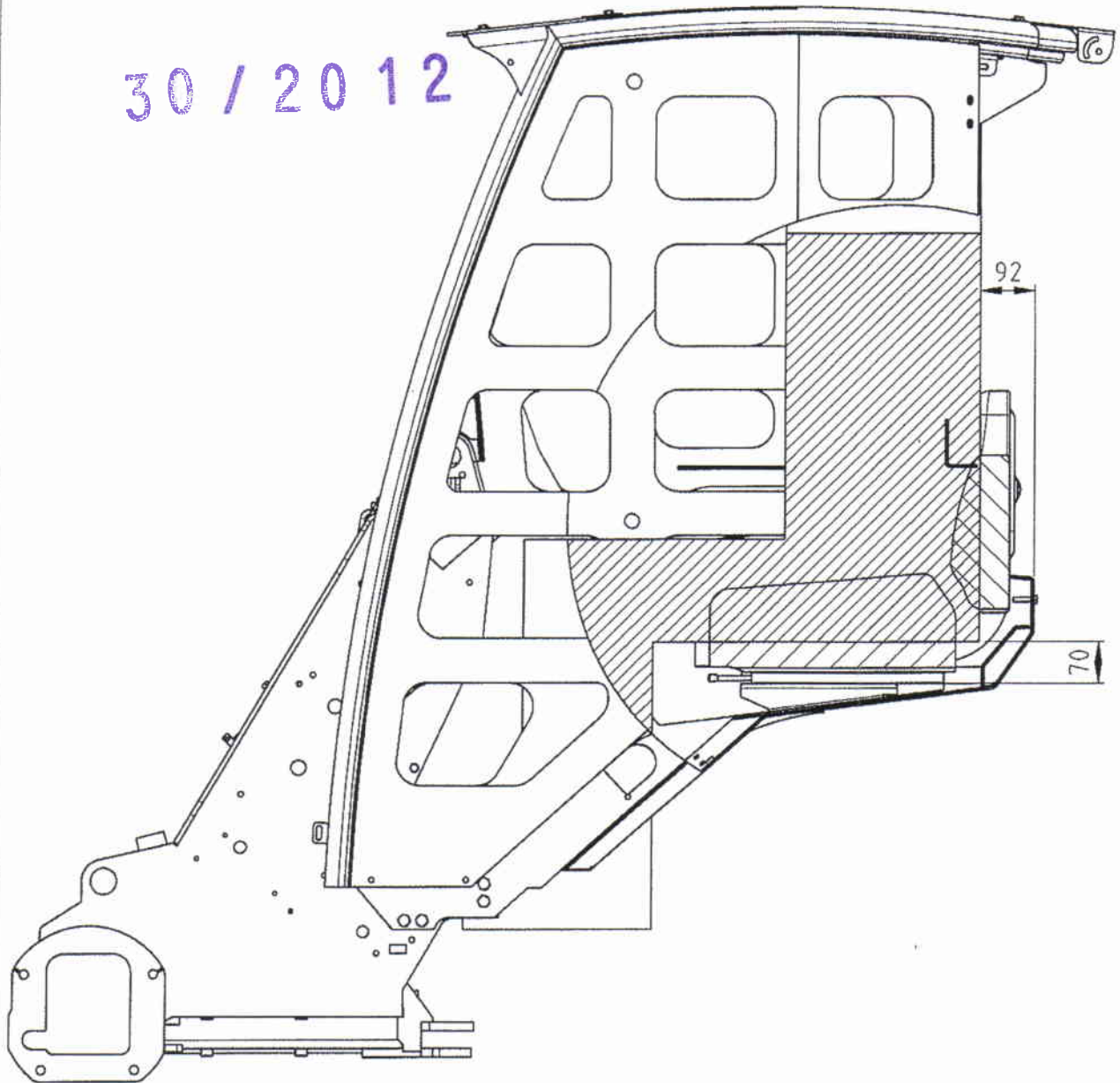


Kari Maunula



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30 / 2012



Toleranssit Toleranssit	Meistotekniikka SFS 4012		Pinnan suojaus tai käsittely	R-a-koodi	Osto-osa <input type="checkbox"/>
	Lastuaminen SFS 4011 Keski				
	Hietsatut rakenteet SFS 3393 B				
Pvm.	Suunn.		Suhde:	Materiaalimäärä brt.	
4.11.2011	KRe		1:10	Liittyy	Ent. piir.
			Nimitys	PAINO	Piir.No 4.11.2011 10:56:25
			Tuote	571.353 kg	A414517
			TURVATILA		
			HYTTILX		