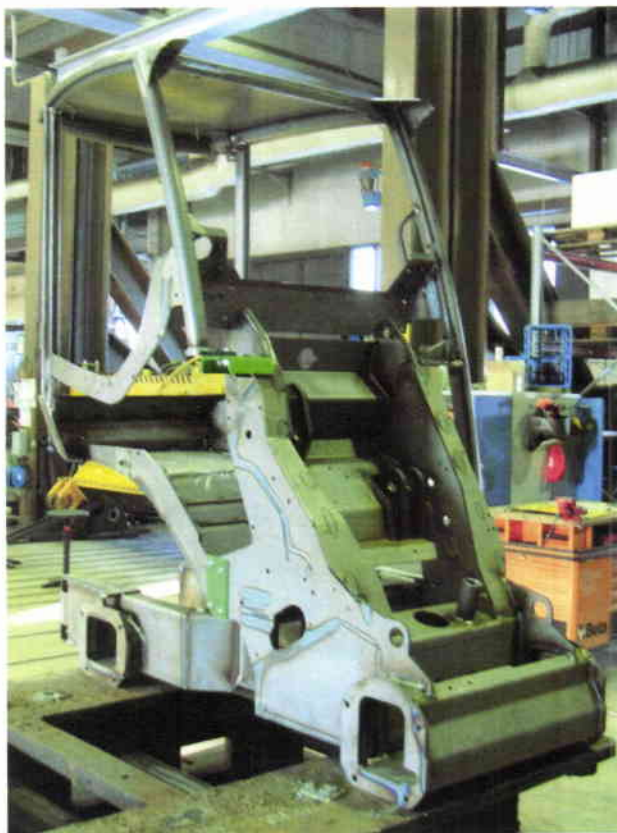


This test report may be copied only in full.
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The test results apply to the tested structure only.

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



FOPS test report for ISO 3449:2005 (1365 J)



Avant 500/600/700-series

Client: Avant Tecno Oy
Ylötie 1
FI-33470 YLÖJÄRVI
FINLAND

1. Identification

1.1. Machine

1.1.1. Type	wheeled loader
1.1.2. Manufacturer	Avant Tecno Oy
1.1.3. Model	Avant 500/600/700-series
1.1.4. Serial number	proto
1.1.5. Machine frame part number	A21148B

1.2. FOPS

1.2.1. Manufacturer	Avant Tecno Oy
1.2.2. Model	Avant 500/600/700-series
1.2.3. Serial number	proto
1.2.4. FOPS part numbers	A21513 A414514 A414510 A414517
1.2.5. Location of DLV	

2. Information supplied by test facility

2.1. Test object description

2.1.1. Performance level tested	I
2.1.2. Mass	45 kg
2.1.3. Drop height	3118 mm
2.1.4. Test object dimensions	Ø 224 mm
2.1.5. Documentation of impact location showing location relative to DLV	



2.2. Photographs

2.2.1. One photograph of test object and test arrangement before application of test



2.2.2. Additional photographs as necessary to show top and bottom of FOPS structure after the test



2.3. Test results

2.3.1. Impact test

Energy imparted to the test object without causing penetration of any part of the FOPS structure into the DLV nor penetration of the FOPS by the test object: 1365 J.

2.3.2. Material criteria

The test was performed with FOPS and machine frame members soaked to - 18°C

3. Conclusion

3.1.	Remarks and deviations	No
3.2.	Submitted for test by	Avant Tecno Oy
3.3.	Submitted for test on	7.2.2012
3.4.	Minimum performance requirements of ISO 3449:2005 (1365 J) were met in this test.	
3.5.	Uncertainty of measurement (k=2):	1 %
3.6.	Date of test	8.2.2012
3.7..	Name and address of test facility	MTT Vakola Vakolantie 55 FI-03400 VIHTI FINLAND
3.8.	Tested by	Kari Maunula
3.9.	Date of test report	21.3.2012

MTT Vakola

head of inspection office



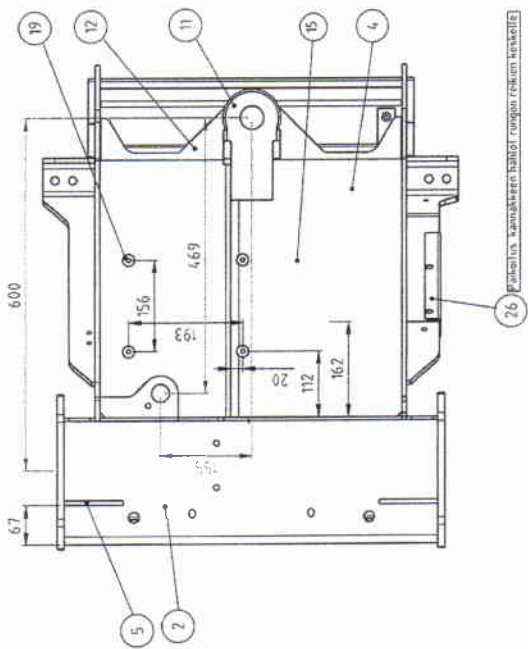
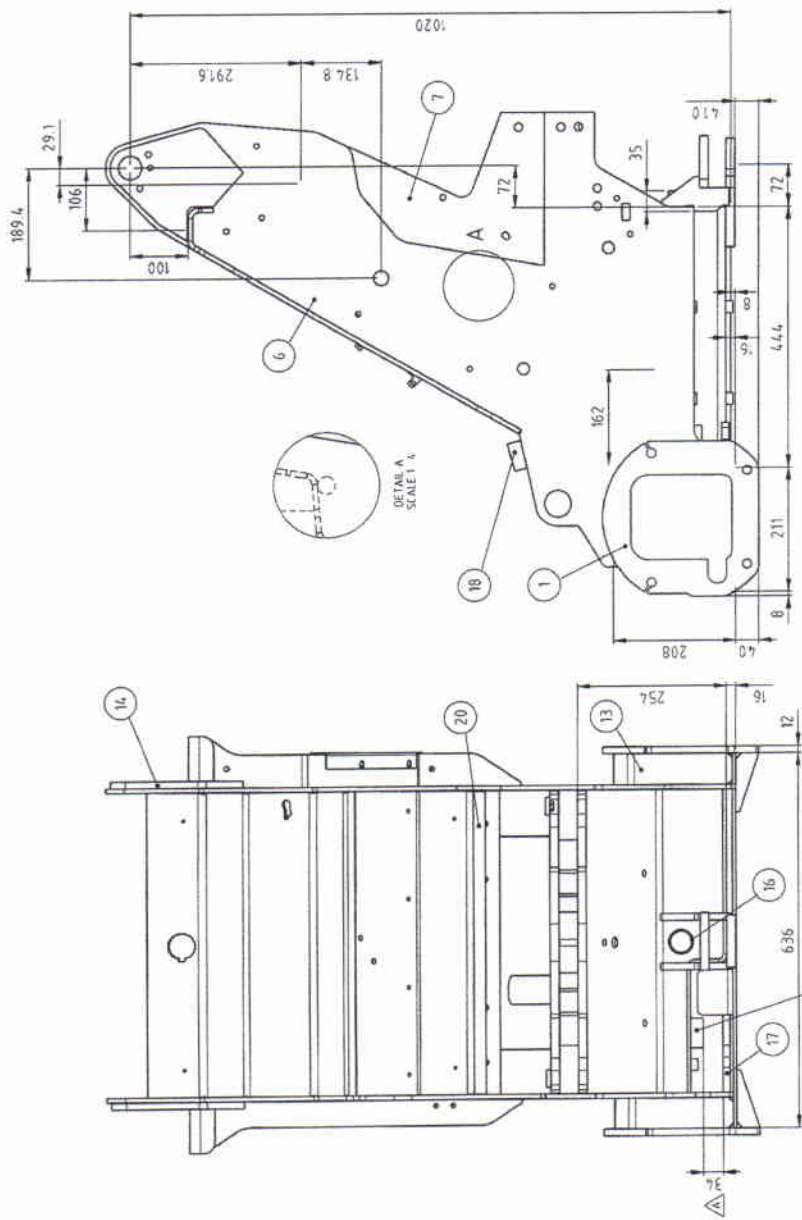
Lauri Tuunanen

test engineer



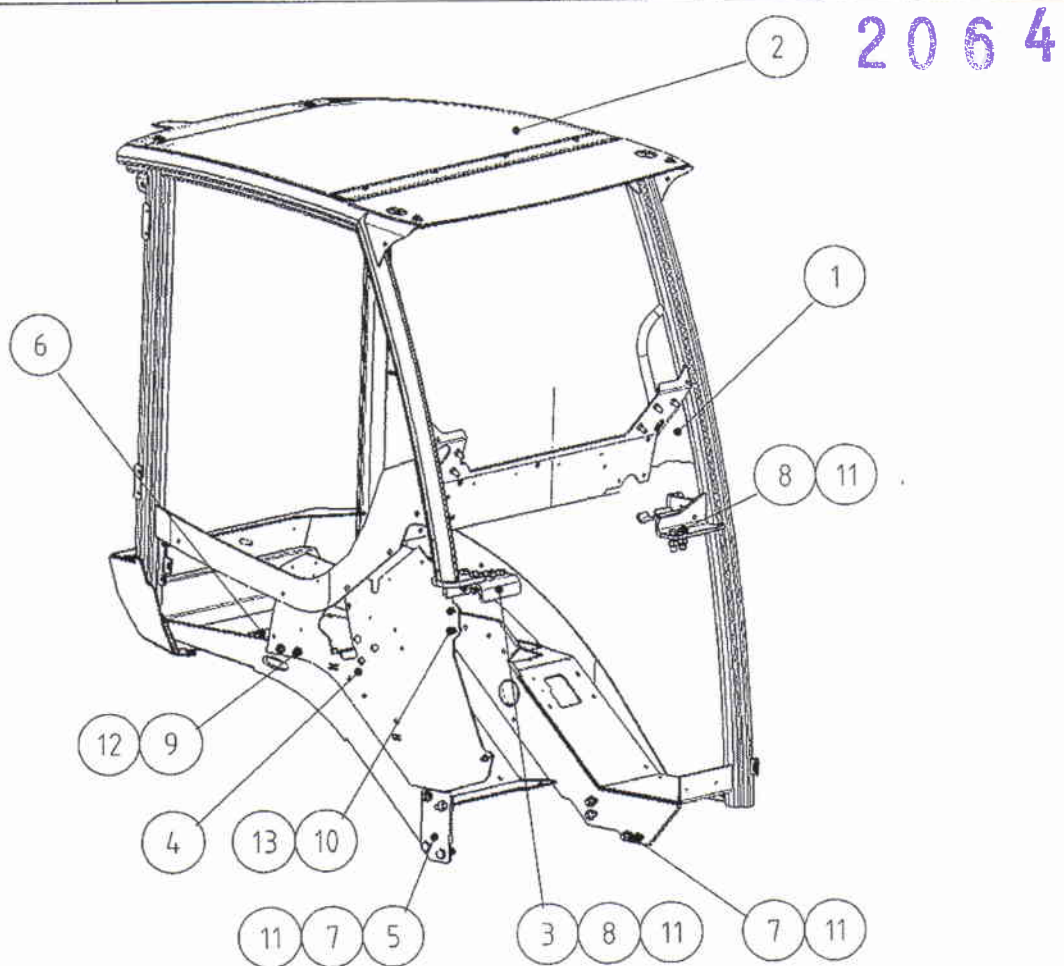
Kari Maunula





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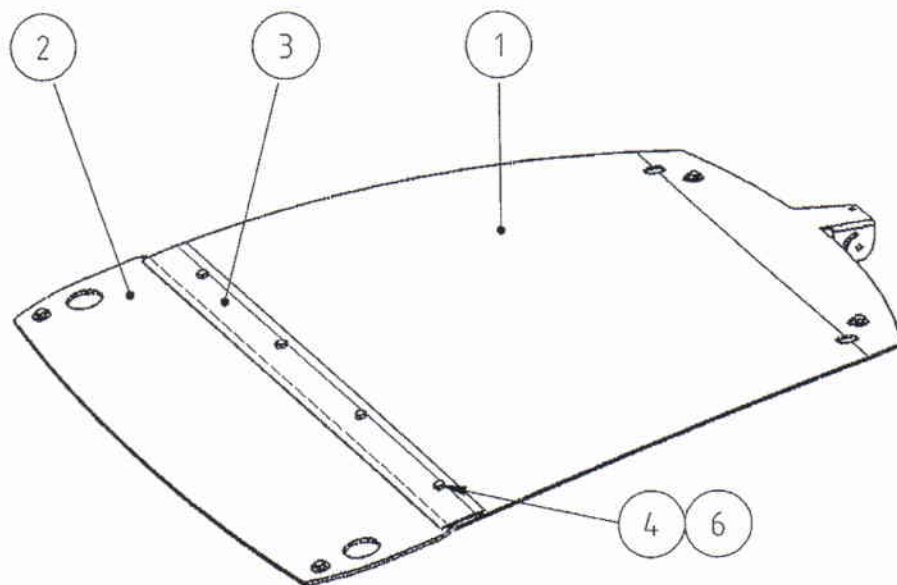
29 / 2012



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12	72322	2		KUUSIOMUTTERI 10 DIN 985 ZN				
11	72324	14		KUUSIOMUTTERI 12 DIN 985 ZNNYLOC				
10	72133	3		KUUSIORUUVI ZNIM 8x 30 DIN 933				
9	72151	2		KUUSIORUUVI ZNIM 10x 30 DIN 933				
8	73322	6		KUUSIORUUVI ZNIM 12x 40 DIN 931				
7	73058	8		KUUSIORUUVI ZNIM 12x 40 DIN 933				
6	A411777	1		ISTUIMENALUSTA			HYTTI DLX	
5	A412322	1		LAIPPA			HYTTI DLX	
4	A412181	1		SIVYLEVY			HYTTI DLX	
3	A411645	1		VALIKANNAKE			HYTTI DLX	
2	A414510	1		FOPS-KATTO KP			HYTTI LX	
1	A21513	1		HYTTIRUNKO			AVANT 500...700	
Uosa	Piir.No.	Kpl		Nimitys 1	Nimitys 2	Nimitys 3	Nimitys 4	
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			Lastuaminen SFS 4011 Keski					
			Hitsatut rakenteet SFS 3393 B					
Pvm.	Suunn.		Suhde: 1:15		Liitty		Materiaalimäärä brl.	
4.11.2011	KRe						Ent. piir.	Uusi piir.
			Nimitys			PAINO	Piir.No 4.11.2011 10:22:21	
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			Tuote					

29 / 2012

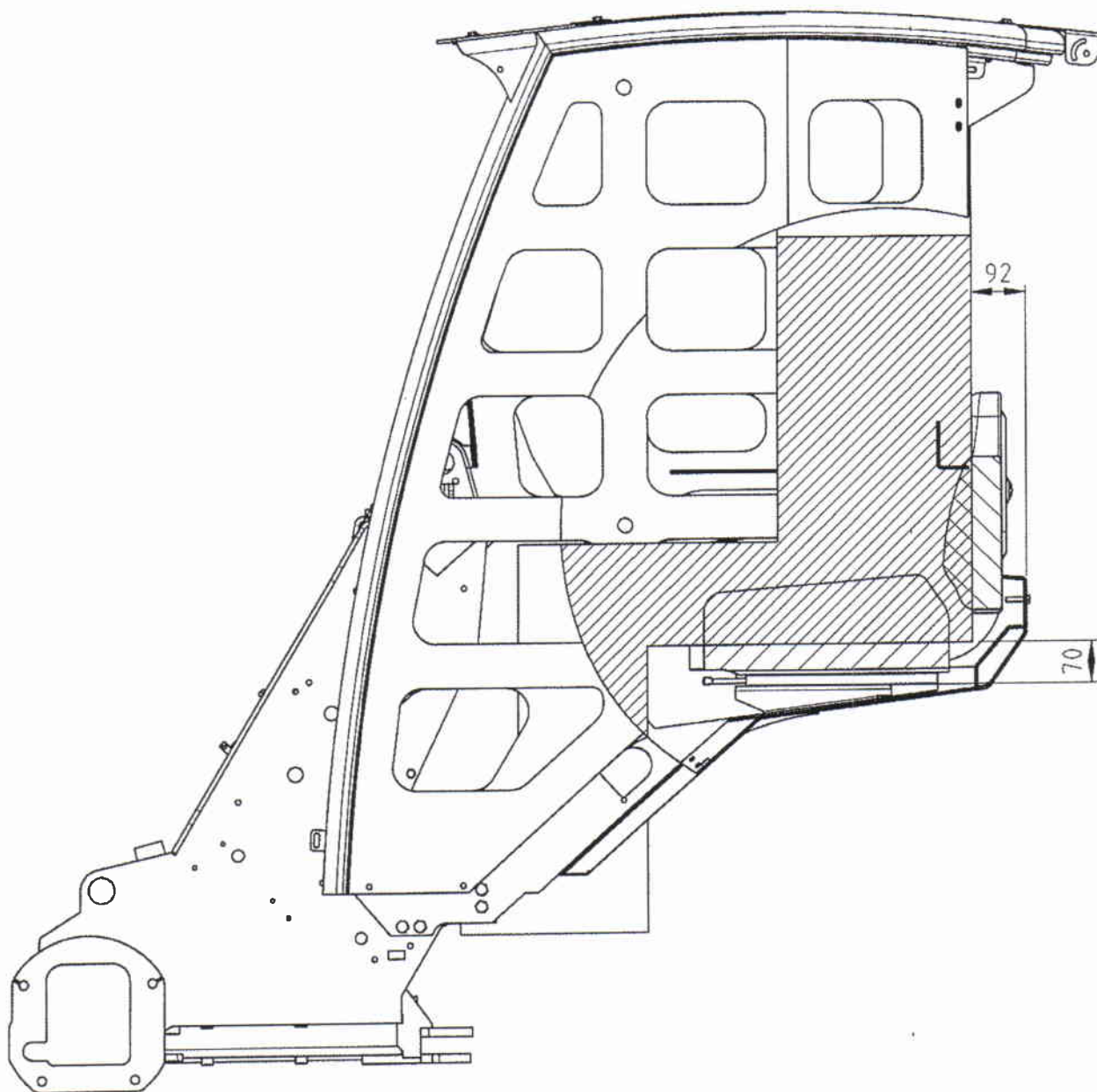
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6	74526	8	ALUSLEVY M 8 8.4x25x1.5 ZN		8.4x25x1.5					
5	72320	8	KUUSIOMUTTERI ZN M 8 DIN 985 NYLOC							
4	72130	8	KUUSIORUUVI ZN M 8x 20 DIN 933							
3	A414298	1	LISTA		AVANT 500...700					
2	A414297	1	LIPPA		AVANT 500...700					
1	A414291	1	FOPS-KATTO		AVANT 500...700					
Osa	Piir.No.	Kpl	Nimitys 1		Nimitys 2	Nimitys 3				
Toleroimat- tomat mitat			Meistotekniikka SFS 4012		Pinnan suojaus tai käsittely		R-a-koodi		Osto-osa	
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				FOPS-KATTO KP			18.699 kg		A414510	
				Tuote			HYTTI LX			

29 / 2012

2064



Toleranssit Toleranssit mitat	Meistotekniikka SFS 4012		Pinnan suojaus tai käsittely	R-a-koodi	Osto-osa ☐
	Lastuaminen SFS 4011 Keski				
	Hitsatut rakenteet SFS 3393 B				
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			TURVATILA		