


SMETS AIRPORT VEHICLES - DESIGN AND PERFORMANCES

DESIGN AND PERFORMANCES - ARC 1000®



MAX. WORKING WIDTH	1 000 mm Note: Lower working width is available by installation of less nozzles in the one 1000 mm cleaning head.
MAX. WATER PRESSURE (operating / technical limit)	2 500 / 3 000 bar
TANK VOLUME (Standard)	13 m ³ (enlargeable on customer request)
MAX. PUMP PERFORMANCE	29 l / min Note: Technical performance limit of the most powerful pump. Other pumps available as per customer request.
RUBBER REMOVAL PERFORMANCE (from – to)	Up to 900 - 2.500 m² / hour Low layer removal (up to 2 mm): up to 2.500 m² / hour Middle layer removal (up to 4 mm): up to 1.200 m² / hour

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	High layer removal (over 5 mm): up to 900 m² / hour
SURFACE RETEXTURING PERFORMANCE (from – to)	1.500 – 2.800 m² / hour
LINEAR PAINT REMOVAL PERFORMANCE (from – to)	2.800 – 4.400* linear meters / hour * Applicable for 1 layer of paint (standard thickness of 0,8 mm).
THERMOPLASTIC REMOVAL PERFORMANCE (from – to)	2.400 – 4.000 linear meters / hour Thermoplastic spray removal (up to 0,8 mm) Thermoplastic flat line / dot line removal (up to 5 mm)
POSSIBLE CLEANING OPTIONS	11

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DESIGN AND PERFORMANCES - ARC 1500®



ARC 1500®



ARC 1500®



ARC 1500®

<p>MAX. WORKING WIDTH</p>	<p>1 500 mm</p> <p>Note: Lower working width is available by installation of less nozzles in the 2 of 800 mm cleaning heads.</p>
<p>MAX. WATER PRESSURE (operating / technical limit)</p>	<p>2 500 / 3 000 bar</p>
<p>TANK VOLUME</p>	<p>17 m³</p>
<p>MAX. PUMP PERFORMANCE</p>	<p>42 l / min</p> <p>Note: Technical performance limit of the most powerful pump. Other pumps available as per customer request.</p>
<p>RUBBER REMOVAL PERFORMANCE (from – to)</p>	<p>800 – 3.750 m² / hour</p> <p>Low layer removal (up to 2 mm): 2.700 – 3.500 m² / hour</p> <p>Middle layer removal (up to 4 mm): 1.400 – 2.000 m² / hour</p> <p>High layer removal (over 5 mm): 800 – 1.000 m² / hour</p>

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DESIGN AND PERFORMANCES - ARC 1500®	
	
SURFACE RETEXTURING PERFORMANCE (from – to)	2.200 – 4.000 m² / hour
LINEAR PAINT REMOVAL PERFORMANCE (from – to)	3.000 – 4.800* linear meters / hour * Applicable for 1 layer of paint (standard thickness of 0,8 mm).
THERMOPLASTIC REMOVAL PERFORMANCE (from – to)	2.600 – 4.400 linear meters / hour Thermoplastic spray removal (up to 0,8 mm) Thermoplastic flat line / dot line removal (up to 5 mm)
POSSIBLE CLEANING OPTIONS	9

SMETS AIRPORT VEHICLES - DESIGN AND PERFORMANCES

DESIGN AND PERFORMANCES - ARC 1600®



<p>MAX. WORKING WIDTH</p>	<p>1 600 mm</p> <p>Note: Lower working width is available by installation of less nozzles in the 2 of 800 mm cleaning heads.</p>
<p>MAX. WATER PRESSURE (operating / technical limit)</p>	<p>2 500 / 3 000 bar</p>
<p>TANK VOLUME</p>	<p>17 m³</p>
<p>MAX. PUMP PERFORMANCE</p>	<p>53 l / min</p> <p>Note: Technical performance limit of the most powerful pump. Other pumps available as per customer request.</p>
<p>RUBBER REMOVAL PERFORMANCE (from – to)</p>	<p>900 – 3.750 m² / hour</p> <p>Low layer removal (up to 2 mm): 2.800 – 3.750 m² / hour</p> <p>Middle layer removal (up to 4 mm): 1.500 – 2.100 m² / hour</p> <p>High layer removal (over 5 mm): 900 – 1.100 m² / hour</p>

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DESIGN AND PERFORMANCES - ARC 1600®



<p>SURFACE RETEXTURING PERFORMANCE (from – to)</p>	<p>2.500 – 3.000 m² / hour</p>
<p>LINEAR PAINT REMOVAL PERFORMANCE (from – to)</p>	<p>3.400 – 5.400* linear meters / hour * Applicable for 1 layer of paint (standard thickness of 0,8 mm).</p>
<p>THERMOPLASTIC REMOVAL PERFORMANCE (from – to)</p>	<p>2.700 – 4.600 linear meters / hour Thermoplastic spray removal (up to 0,8 mm) Thermoplastic flat line / dot line removal (up to 5 mm)</p>
<p>POSSIBLE CLEANING OPTIONS</p>	<p>9</p>

SMETS AIRPORT VEHICLES - DESIGN AND PERFORMANCES

DESIGN AND PERFORMANCES - ARC 2400®



<p>MAX. WORKING WIDTH</p>	<p>2 400 mm</p> <p>Note: Lower working width is available by installation of less nozzles in the 3 of 800 mm cleaning heads.</p>
<p>MAX. WATER PRESSURE (operating / technical limit)</p>	<p>2 500 / 3 000 bar</p>
<p>TANK VOLUME</p>	<p>17 m³</p>
<p>MAX. PUMP PERFORMANCE</p>	<p>72 l / min</p> <p>Note: Technical performance limit of the most powerful pump. Other pumps available as per customer request.</p>
<p>RUBBER REMOVAL PERFORMANCE (from – to)</p>	<p>1.200 – 5.700 m² / hour</p> <p>Low layer removal (up to 2 mm): 4.600 – 5.700 m² / hour</p> <p>Middle layer removal (up to 4 mm): 2.200 – 3.200 m² / hour</p> <p>High layer removal (over 5 mm): 1.200 – 2.100 m² / hour</p>

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DESIGN AND PERFORMANCES - ARC 2400®



Note: ARC 2400 is the biggest model for rubber removal.

SURFACE RETEXTURING PERFORMANCE
(from – to)

3.000 – 3.800 m² / hour

LINEAR PAINT REMOVAL PERFORMANCE
(from – to)

3.600 – 5.800* linear meters / hour

* Applicable for 1 layer of paint (standard thickness of 0,8 mm).

THERMOPLASTIC REMOVAL PERFORMANCE
(from – to)

3.300 – 5.300 linear meters / hour

Thermoplastic spray removal (up to 0,8 mm)

Thermoplastic flat line / dot line removal (up to 5 mm)

SURFACE CLEANING PERFORMANCE
(from – to)

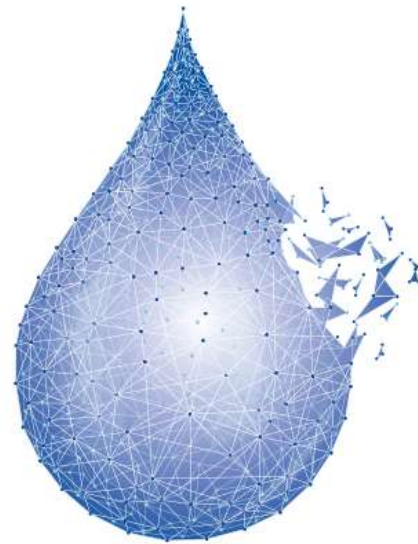
5.000 – 8.000 m² / hour

Note: cleaning of drain – asphalt.

POSSIBLE CLEANING OPTIONS

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**PURE WATER POWER.
MADE IN GERMANY.**



**Cleaning results on
concrete runway**



**Even the expansion joint
material has not been destroyed**