

A & F Fire Trucks Holland B.V.



KRONENBURG

MAC 11

1996

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General technical description of the KRONENBURG MAC 11

Engine & transmission

| | |
|-------------------|-----------------------|
| Engine brand/type | : Detroit 8V92TA-DDEC |
| Transmission | : 6 x 6 |
| Gearbox | : Allison automatic |

Vehicle dimensions

| | |
|-----------------------------|--|
| Overall Length | : 10,500 mm, excluded rescue platform. |
| Overall width | : 2.600 mm, without mirrors. |
| Overall height laden | : 4.000 mm, included roof monitor. |
| Ground clearance axle | : 450 mm. |
| Wheelbase | : 4000 mm. |
| Track width | : ± 2040 mm. |
| Outside turning radius body | : ± 2320 mm. |
| Total weight fully loaded | : 33.000 kg, included four people. |

Performance.

| | |
|------------------------------|-----------------|
| Acceleration from 0-80 km/h. | : ± 25 seconds. |
| Maximum speed | : 125 km/h. |
| Cruising speed | : 70 km/h. |

Pressure system

| | |
|--------|------------------|
| Medium | : Nitrogen / air |
|--------|------------------|

Pump

| | |
|----------|---------------------|
| Brand | : Kronenburg Bronze |
| Capacity | : 5.000 l/min |

Water/foam system

| | |
|--------------------------------------|--|
| Maximum Operating pressure | : 16 bar. |
| Water-/foam-agent tank capacity | : 11.000 / 600 l. |
| Water-/foam-agent mixing system | : adjustable 3 – 6% |
| Maximum W/S capacitance roof monitor | : ± 4500 l/min at 12 bars. |
| Throw distance (full capacity) | : 80 m |
| Rotation | : 270 ° |
| Length high pressure hose reel | : 30 m |
| Maximum W/S pistols capacity | : ± 350 l/min at 10 bars. |
| Maximum W/S pistols roll width | : ± 20.0 m |
| Bumper monitor capacity | : ± 2.250 l/min at 12 bar |
| Rotation | : 180 ° |
| Nozzles 4 x | : ± 140 l/min/nozzle front ± 70 l/min/nozzle back |

Powder system

| | |
|---|-----------------|
| Maximum operating pressure | : 19 bar |
| Powder capacity | : 250 kg. |
| Maximum capacity of powder bumper monitor | : ± 7.0 kg/sec. |
| Maximum throw-width of bumper monitor | : ± 8 m |
| Length high pressure hose reel powder | : 30 m |
| Maximum capacity powder gun | : ± 2.5 kg/sec. |
| Maximum powder guns throw width | : ± 8.0 m |

Light stand

| | |
|--------------------|------------|
| Length retracted | : 2.040 mm |
| 1 .extended | : 3.960 mm |
| totally extended` | : 6.000 mm |
| total truck+ stand | : 7.960 mm |
| Rotation | : 360 ° |
| Tilt angle | : 110 ° |

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