

TERRAJET. Airfield open in all weather



The power to clear the largest surfaces

For safe take-offs and landings runways, taxiways and aprons must be free from dirt, sand, blowing leaves and large puddles or snow.

In this respect the TERRAJET offers safety through cleanliness year in, year out. At the heart of the TERRAJET is its high efficiency exhauster fan driven by a powerful 6-cylinder, 170 kW engine.

The TERRAJET takes its extraordinarily high sweeping efficiency from the innovative FAUN circulating air system. Entrained dirt particles are bound by fine water particles and then deposited in the container by centrifugal force. Most of the air stream, which is practically dust free, is supplied as blast air back to the sweeping components mounted at the rear of the TERRAJET and the recirculating air cycle recommences. With this system FAUN offers a low-maintenance and environmentally friendly system that does not need special filters, so making the related time and cost of servicing redundant.

TERRAJET. Characteristics



Containers for optimum usage

The TERRAJET is available in two different body sizes. You can choose between 7 or 9 m³ bodies. Due to its relatively small wheel base, the TERRAJET 7 has excellent manoeuvrability. Generous body and water tank volume are integral features of the TERRAJET 9.

The body is of welded construction with an integrated container base, which is manufactured of high-quality V2A steel, as is the front wall. Areas which take the strain are manufactured from wear-resistant material, to provide maximum protection against corrosion.



Record on board

Thanks to the FAUN recirculating air system of the TERRAJET, maximum cleaning of the runway is achieved at running speeds of up to 40 km/h. Operating in the suction mode only the TERRAJET is capable of cleaning up to 84,000 m³ per hour. Using the optional additionally mounted lateral air blower nozzles, which can be turned through 360°, dirt, water and snow can be blown up to 20 m to the side, thus giving cleaning efficiencies of up to 600,000 m² per hour.



Tipping and starting again

Thanks to its wide tipping angle the TERRAJET can be quickly and safely unloaded ready for immediate service again - without the necessity of cleaning filters or other components. This is only possible thanks to the FAUN re-circulating air system.



Full width sweep

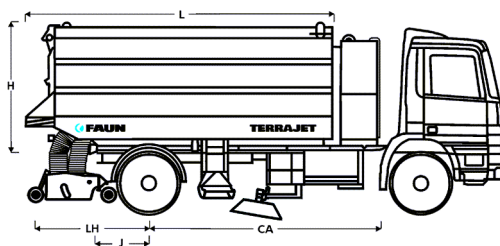
The sweeping component, comprising 2 suction nozzles, 3 air-blower nozzles and a roller brush, is optimally adjustable, thus achieving a sweeping width over the whole vehicle width. High surface efficiencies and reliable cleaning results are the specialities of the TERRAJET.



Everything at a glance

With the new control panel the driver can see all the important information at a glance and have all the functions to hand without long familiarisation time.

TERRAJET. Technical data



		TERRAJET 7	TERRAJET 9
Body			
Body capacity	m ³	7	9
Length (L) appr.	mm	5.100	5.100
Height (H) appr.	mm	2.230	2.230
Water tank capacity appr.	l	1.200	2.000
Sweeping device			
Sweeping width (2 suction nozzles, 3 blow-air nozzles) approx.	mm	2.100	2.100
Diameter roller brush	mm	400	400
Length roller brush	mm	2.080	2.080
Auxiliary engine			
Output at appr. 1.800 rpm	kW	130-170	130-170
High efficiency exhauster fan			
Max. rate of air flow	m ³ /h	30.000	30.000
Optional equipment			
Air exhaust speed 2 lateral blow-air nozzles appr.	m/s	150	150
Max. cleaning distance appr.	m	20	20
Diameter 2 lateral disc brushes up to	mm	1.000	1.000
Max. sweeping width	mm	3.400	3.400
Sweeping speed			
Max. sweeping speed	km/h	40	40
Chassis recommendation 1)			
G. V. W.	t	16-18	> 18
Min. wheelbase 3)	mm	3.600	4.500
Frame overhang (J) appr.	mm	1.170	1.170
CA measure (CA) appr. 4)	mm	3.200	4.050
Example complete vehicle 1)			
Length appr.	mm	7.100	8.100
Width appr.	mm	2.500	2.500
Height appr. 2)	mm	3.380	3.380
Overhang (LH) appr.	mm	1.900	1.900
Weight (empty) appr.	kg	11.500	12.500
Payload appr.	kg	4.500	5.500

1) Variations depending on chassis.

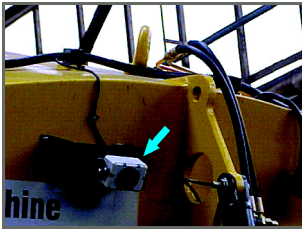
2) Without flashing beacon (flashing beacon with protection cover +100).

3) Short driver's cab.

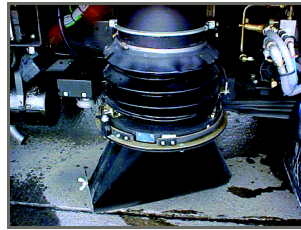
4) Permissible axle load spreading has to be checked depending on weight variation of rear axle unit. Space required to manoeuvre exhaust and induction devices has to be considered.

Subject to change without prior notice.

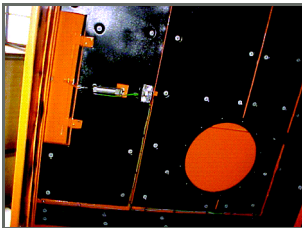
TERRAJET. Accessories



X28413001500000
Rear view monitor MC 100 (camera/monitor), offers safety when travelling in reverse.



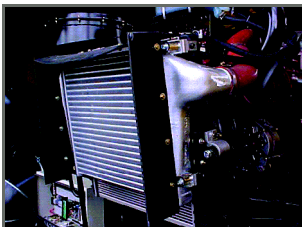
X28418201500000
Side blower nozzles (operated from driver's cab). To blow dirt, leaves or grass cut as well as snow and ice away from the traffic lane.



X28414000500000
Designed for silence with self-extinguishing sound insulation mats in the machinery compartment, for reduction of noise emissions.



X28418202500000
Pneumatically operated hand suction device on the emptying flap (diameter 200 mm), with manual blanking flap on the emptying flap.



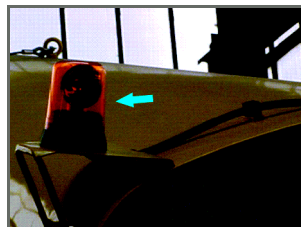
X28418100500000
Body-mounted motor, six cylinder IVECO Type Aifo 8060.



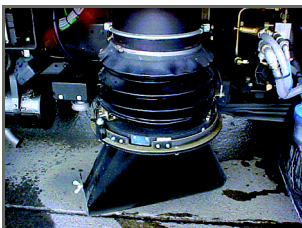
X28418203000000
Working spotlamp on the driver's cab, for better view and illumination of the working area.



X28418200500000
Side disc brush for extension of the swept area, for an optimal cleaning result.



X28418206000000
Flashing beacon with dual lens feature, specially designed for use at airports.



X28418201000000
Side blower nozzles (manually pivoting). To blow dirt, leaves or grass cut as well as snow and ice away from the traffic lane.

X28418400500000
Container inner coated, to prevent corrosion.

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For UK requests:

FAUN Municipal Vehicles Ltd.
Llangefni, Isle of Anglesey
North Wales LL77 7XA
Great Britain
Phone: +44 1248 7227-77
Fax: +44 1248 7502-20
Internet: www.FAUN.co.uk
E-Mail: sales@FAUN.co.uk

 **FAUN**
KIRCHHOFF GROUP

FAUN Expotec GmbH
Stefanstraße 2
58638 Iserlohn
Germany
Phone: +49 2371 8293-00
Fax: +49 2371 8293-09
Internet: www.FAUN.com
E-Mail: info@FAUN.com