

A FEW PRACTICAL BENEFITS :

High-performance axial fans – manufactured in keeping with high industrial standards

Extremely robust for the professional continuous operation even in the toughest of circumstances

The TTV platform concept:
Thanks to flexibly applicable system accessories, only one basic device is required for a multitude of applications

Advantages of the TTV platform:
Reduced investment and maintenance costs, more effective warehousing, greater flexibility

Splashproof (IP55)

Space-saving stackability for transport and storage

Suitable for connection of a dust bag for the removal of dirt particles by suction

TTV system accessories:

Variably usable hose adapter to connect air transport hoses for the purposes of ventilation, air distribution, dust collection and transport of cold or warm air

TTV 4500 combination distributor to connect eight 100 mm hoses or one 450 mm hose

High-performance fans with an air flow rate of up to 7,000 m³/h

The platform concept of the TTV series combines versatility with profitability on a professional level.



With good reason tens of thousands of machine hirers, restoration and craft service providers, construction and industrial companies have for years relied on Europe's top-selling axial fan series, since it combines five elementary user requirements:

- Durability
- Robustness
- Reliability
- Investment security
- Value retention

An uncompromising objective forms the basis of this professional fan's progress:

To achieve maximum reliability, flexibility and profitability for the user with as few device components as possible.

Or put simply:
Many fields of application rather than many appliances!

The advantages of the TTV platform concept are perfectly obvious:

- increased cost effectiveness
- simplified operation
- shortened material planning
- security of existing investments
- simplified warehousing and maintenance

Additionally this concept increases your on-site flexibility, because the fan's field of application can immediately be adapted anytime to a job description changed on a short-term basis.

The result: With only one TTV fan you can accomplish manifold tasks, for which so far you needed a number of different appliances.



TTV fans can be carried to the operating site without effort. There are two vice grips attached to both sides of the frame by which the discharge direction can be variably aligned.

TKL TROTEC RENTAL DIVISION

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Stay flexible with the TTV 4500 combination distributor ...



Up to eight 100 mm hoses can be attached to the combination distributor and in case of high central capacity requirements also a 450 mm air hose. For ventilation over longer distances we recommend the combined application with the 250 Pa high-pressure fan TTV 4500 HP.

One adapter – manifold fields of application ...



On both sides, the TTV hose adapter can optionally be connected to the fan for suction or ventilation purposes. The use of two hose adapters enables the combined application of air transport hose and dust bag to remove dirt particles.

Dust protection during restoration works :

During restoration work, material processing and disposal dust is inevitable.

In this context the latest studies are alarming, which suggest, that the current peak values for dust at the workplace most likely are no sufficient protection against lung cancer.

Consequently affected are inter alia employees in the construction industry, who keep inhaling respirable fine particulates – even though the material itself might not be regarded as toxic.

Hence, protect your staff and yourself from dangerous fine particulates at work !

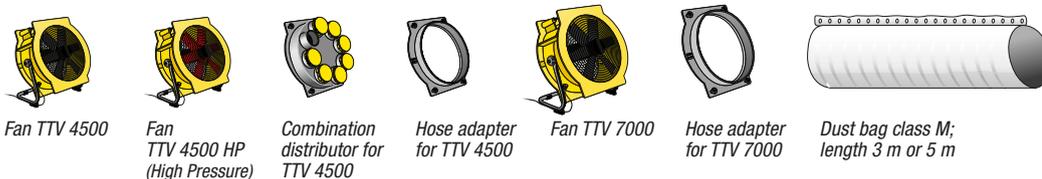
A field-tested alternative to reduce dust exposure is the removal of dirt and dust particles by suction. Trotec's washable dust bags have a transmittance of less than 0.1 %, comply with dust class M and conform to DIN EN 60335-2-69 about the use of filters in machines and appliances removing dust.

Technical data		TTV 4500	TTV 4500 HP	TTV 7000
Article number		1.510.000.010	1.510.000.012	1.510.000.030
Amount of air [m³/h]	Step 1	2,000	2,000	3,000
	Step 2	3,000	3,000	4,500
	Step 3	4,500	4,500	7,000
Air current		blowing out / sucking in		
Air discharge velocity	[m/s]	10.7	12.8	11.7
	[km/h]	38.52	46.08	42.12
Discharge distance [m]	outdoors / indoors	15 / 50	25 / 60	20 / 65
	Air pressure max. [Pa]	80	250	80
Max. transport medium temperature [°C]		45	45	45
Input voltage [V / Hz (A)]		230 / 50 (1.1)	230 / 50 (1.4)	230 / 50 (1.8)
Power input [kW]		0.23	0.35	0.46
Protection [A]		10	10	10
Type of protection		IP55	IP55	IP55
Max. sound level (distance 3 m) [dB(A)]		53	64	58
Length [mm]		380	380	360
Width [mm]		480	480	580
Height [mm]		560	560	690
Weight [kg]		12.5	12.5	15
Mobility		portable / stackable		
Hose connector [ø mm]	with hose adapter	450	450	560
	with combination distributor	8 x 100 / 1 x 450	8 x 100 / 1 x 450	–

TTV system accessories		TTV 4500	TTV 4500 HP	TTV 7000	
Hose adapter	Article number	6.100.005.010	6.100.005.010	6.100.005.020	
	Combination distributor	Article number	6.100.005.011	6.100.005.011	–
Dust bag class M	Length 3 m	Article number	7.160.000.110	7.160.000.110	–
	Length 5 m	Article number	7.160.000.112	7.160.000.112	7.160.000.112
Air transport hose ³⁾	Trotec SP-T, L 7.6 m ¹⁾	Article number	6.100.001.214	6.100.001.214	6.100.001.217
	Trotec TF-L, L 5 m ²⁾	Article number	6.100.001.115	6.100.001.115	–
Universal tension belt		Article number	6.100.001.995	6.100.001.995	6.100.001.995

¹⁾ hose adapter required; ²⁾ ø 100 mm, combination distributor required; ³⁾ you can find these and other air transport hoses from catalogue page 150 onward.

The TTV platform's combination modules at a glance:



No dust – no risk :

With the TTV platform concept, exhaust hoses and dust bag can be used in combination – also over long distances.

A simple, inexpensive, and yet highly effective dust collection system !



All TTV models can stably be stacked for transport and storage.