

MOVER 190eb EVO / 270e

Pneumatic conveyor for screeds

50 Hz

Mover 270e 400V/50Hz Tph 5.5 kW
1106011

50 Hz

Mover 190eb EVO 230V/50Hz Sph 2.95 kW complete with loading bucket
1106210



Mover 270eb 400V/50Hz Tph 7 kW complete with loading bucket
1106010

60 Hz

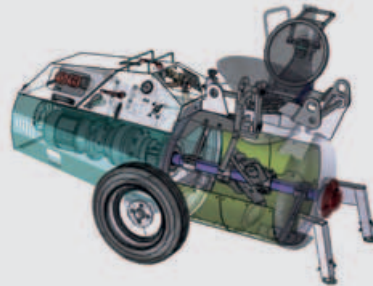
Mover 270eb Installed power - 230V/60Hz Tph 7kW
1106067

Mover 270eb Installed power - 400V/60Hz Tph 7kW
1106068



Simple and intuitive controls for the operator:

- A single lever for distributing the air flow to simplify the initial setting operations
- The grease nipples of the mixer supports are centralized to the operator's sight



Minimal wear and simple maintenance thanks to:

- Hardox® steel armor plates and wear-resistant cast iron blades
- Mechanical and electrical components protected under metal covers and easily accessible

Description

The Mover 190eb EVO / 270e are pneumatically operated pumps, capable of mixing and conveying the material at high distances and considerable heights through a pipe. The powerful horizontal axis mixer with direct transmission (without belts) also mixes particular products rich in fibers.

Light and easy to handle, easy to use and transport, they are at the same time robust and particularly resistant to wear. The machines are ideal in all those cases where you have a compressor to match.

They are suitable for pumping:

- Traditional sand / cement screed (also with fiber)
- Premixed cement screed (also with fibers)
- Screed lightened with expanded clay / sand / cement
- Lightened screed pre-dosed with expanded clay
- Screed lightened with cork / sand / cement
- Lightened premixed screed with polystyrene
- Lightened premixed cement screed
- Concrete with a maximum grain of 16 mm
- Dry sand
- Washed gravel with a maximum grain of 16 mm
- Draining soil for gardens

Operation

The Mover 190eb EVO / 270e pneumatic pumps must be connected to the power line and to a compressor with the following requirements:

Mover 190eb EVO Minimum flow 2500 l / min (88.3 cfm), Pressure 7 bar (101.5 psi)

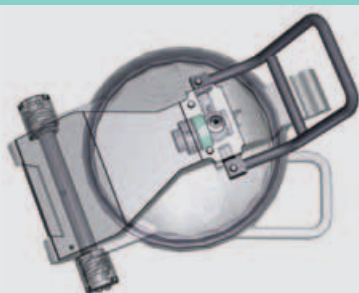
Mover 270e Minimum flow rate 3500 l / min (123.6 cfm), Pressure 7 bar (101.5 psi)

All dry material is poured into the loading bucket manually or through the scraper blade (optional). In the version without loading bucket, the dry material is poured directly into the tank manually. The bucket is raised hydraulically by the double acting piston until it reaches the maximum inclination of 65°. The material descends into the tank where the powerful mixer (already in operation) begins its action. About halfway through the loading of the material, the water is added manually inside the tank. When loading is complete, without waiting times, the hatch is closed and the tank is pressurized by pressing the "Automatic cycle" button on the control panel. The air flow forcefully conveys the material through the hoses until it reaches the end point where the flow breaker stand is installed. When the tank is empty, the air flow stops automatically and the machine is ready for a new loading.

The powerful horizontal axis mixer also homogeneously mixes particularly difficult and / or fiber-rich products. For those particular materials that require a longer mixing time, it is possible to set a time of your choice, which will delay the emptying phase after pressing the "Automatic cycle" button. The hoses at the end of the cycle always remain empty. This simplifies washing operations at the end of the day. It will be enough to clean the tank with water and pump the appropriate sponge ball into the hoses.

Mover 190eb EVO / 270e are equipped with safety devices and reversal of the direction of rotation of the mixer, useful in case of accidental blocking of the mixer or clogging of the hose to facilitate release. With the help of additional compressors and special accessories they can reach high distances and pumping heights.

Available in different arrangements to meet the various needs of the construction site.



Cast iron hatch with:

- Lightening springs during opening.
- Tank "Safety vent" valve incorporated.
- Self-compensating gasket (patented).



The mixer includes a blocking sensor which detects the opening of the protection grid. Positioned under the covers, the sensor protects the user from accidents, and dust.

Technical data

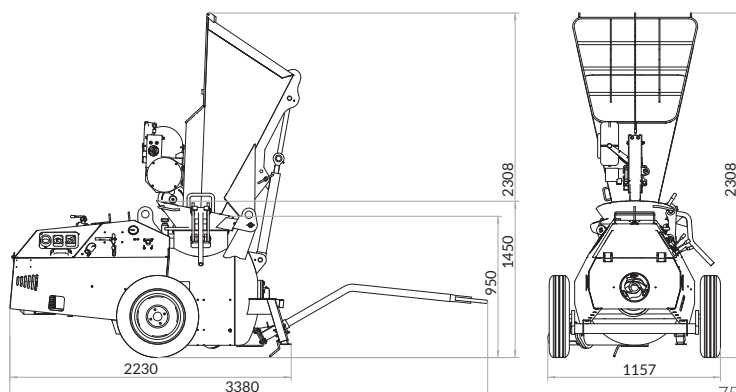
		Mover 190eb EVO	Mover 270e	Mover 270eb
Loading bucket	-	yes	no	yes
Mixer motor power	kW	2.2	5.5	5.5
Hydraulic power unit motor	kW	0.75	-	1.5
Max transportable grain size	mm	16	16	16
Tank capacity	l	270	270	270
Average cycle yield	l	160	220	220
Hourly output*	mc/h	2-4.5	3-6	3-6
Pumping height*	m	80	80	80
Pumping distance*	m	150	200	200
Loading height	mm	350	950	350
Dim. w / l / h with bucket raised*	mm	1157/2230/2308	1157/2230/1450	1157/2230/2308
Weight**	kg	750	630	750
Sound pressure level	dB (A)	< 57	< 57	< 57

(*) The data on distance, height and hourly yield are indicative values, variable depending on the consistency of the materials and the loading efficiency of the machine and on the chosen configuration.

(**) For dimensions and weight of the packed machine, see table on page 77

Standard Equipment

Certified pressure tank
Loading bucket with hydraulic power unit (Mover 190 / 270eb)
20 + 10 m Ø 60 mm material hose with camlock coupling (Mover 190eb EVO / 190eb)
20 + 10 + 10 m Ø 60 mm material hose with camlock coupling (Mover 270e / 270eb)
Flow breaker stand with Ø 60 mm camlock coupling
Ø 60 mm material outlet manifold with camlock coupling
Manual greasing pump
20 m power cable
Box with cleaning and maintenance accessories
Metal hose holder and 2 hoses holder bands



Accessories for customized setups **MOVER 270d EVO**

IMERVIEW KIT Mover EVO Connect 4.0

- GPS-GSM electronic control unit, GPS antenna integrated and air pressure sensor.
- Web Dashboard access and Cloud storage
- 5 years of data traffic included
- Pre-delivery installation included.



1107639

➔ Recommended for control:

- GPS position (and movement tracking)
- Hours of work per day
- Memorization of the number of work cycles
- Management costs analysis
- Ambient working temperature
- Scheduled maintenance
- Diesel engine alarms
- Compressor alarms
- Remote problem analysis
- Direct connection to Imer Service (when required)

Watch the video on
our YouTube channel



➔ Recommended (bucket version only)
to speed up loading operations

1107047



Cable coiler and scraping shovel
Mover 270db / dbr EVO

➔ Recommended for automatic and continuous
lubrication of the mixer shaft supports

1107169



Automatic lubrication system

➔ Recommended to speed up cleaning at the
end of the working day

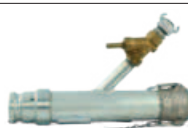
1107168



140 bar pressure washer kit

➔ Recommended for pumping at long distances and
high heights with the help of additional compressors

1107599



Camlock Y support for additional air injection

**Ø 60 hoses extension complete of camlock coupling
with rubber holder in highly wear-resistant
hardened steel (IMER Standard)**

1107535



10 m material hose Ø 60
with camlock coupling

1107536

20 m material hose Ø 60
with camlock coupling

Washing sponge for material hoses

1107522



Kit of 10 washing sponge for Ø 60 hoses

**EU approved hooks for towing bar
(Other models available in the Spare Parts section)**

1107069



Caravan hook kit for Booster and Mover

Consumable accessories **MOVER 270db/dr/dbr/WT**

1107062



Mixing paddle kit for Mover
190eb EVO, 270e and 270d EVO

1107212



Wear plates kit for Mover 190eb EVO,
270e and 270d EVO

Accessories for customized setups **MOVER 190eb EVO / 270e**

➔ Recommended (bucket version only) to speed up loading operations

1107057



Cable coiler and scraping shovel
Mover 190/270eb

➔ Recommended for automatic and continuous lubrication of the mixer shaft supports

1107095



Automatic lubrication system

➔ Recommended for pumping at long distances and high heights with the help of additional compressors

1107599



Camlock Y support for additional air injection

Ø 60 hoses extension complete of camlock coupling with grafting to rubber hose in highly wear-resistant hardened steel (IMER Standard)

1107535



10 m material hose Ø 60
with camlock coupling

1107536

20 m material hose Ø 60
with camlock coupling

Washing sponge for material hoses

1107522



Kit of 10 washing sponge for Ø 60 hoses

Consumable accessories **MOVER 190/270e/eb/WT**

1107061



Mixing paddle kit for Mover 190eb

1107062

Mixing paddle kit for Mover 270 e/d,
190eb EVO, 270d EVO

1107059



Wear plate kit for Mover 190 e

1107212



Wear plate kit for Mover 270 e/d EVO,
190eb EVO



MOVER WT

Complete with standard equipment, without hoses

Standard equipment Mover 270d / dr WT

Fast-Lock transmission compressor
Control panel with Full-Check self-diagnosis
Mini display with diagnostic functions and hour meter
Integrated hydraulic system
Pressure tank 270 l certified
Material outlet manifold Ø 60 mm Threaded 2-1 / 2"
Metal hose holder and 2 hoses holder bands
Loading bucket (db versions)
Flow breaker stand with Camlock connection Ø 60 F Ø 60 mm
Box with cleaning and maintenance accessories
Central lifting hook
Adjustable handling bar (db version)
EU road-towable approved (dr-dbr versions)



Standard Equipment Mover 190 EVO / 270e WT

Certified pressure tank
Loading bucket with hydraulic power unit (Mover 190 EVO / 270eb)
Flow breaker stand with Camlock connection Ø 60 F Ø 60 mm
Material outlet manifold Ø 60 mm Threaded 2-1 / 2" M
Manual greasing pump
20 m power cable
Washing and maintenance accessories box
Metal hose holder and 2 hoses holder bands



1106226 Mover 270db EVO WT

1106227 Mover 270dr EVO WT

1106224 Mover 270dbr EVO WT

1106401 Mover 270db EVO T5 WT

1106403 Mover 270dbr EVO T5 WT

1106405 Mover 270dr EVO T5 WT

1106211 Mover 190eb EVO WT 230V/50Hz Sph 2.95 kW

1106012 Mover 270e WT 400V/50Hz Tph 5.5 kW

1106013 Mover 270eb WT 400V/50Hz Tph 7 kW

Hoses kit complete with adapters, optionally for Mover WT

30 m Ø65 hoses kit with perrot couplings

- 20 + 10 m material hoses Ø 65 with Perrot couplings
- Supply manifold adapter
- Flow breaker stand adapter

1107052



39.9 m Ø50 hoses kit with quick- trapezoidal pitch thread couplings

- 3x13.30 m material hoses Ø 60 with trapezoidal thread couplings
- Supply manifold adapter
- Flow breaker stand adapter

1107053



30 m Ø 60 hoses kit with camlock coupling (standard on Mover 190/270)

- 20 + 10 m material hoses Ø 60 with camlock coupling
- Adapter to the delivery manifold

1107050



➔ Recommended for pumping aggregates with a particle size < 10 mm and distances not exceeding 60 m

30 m Ø 50 hoses kit with camlock coupling

- 20 + 10 m material hoses Ø 50
- Camlock coupling Ø 50 for manifold
- Camlock coupling reducer for Flow breaker
- Washing sponges for Ø50 hoses

1107051



Ø 60 hoses extension complete of camlock coupling with grafting to rubber hose in highly wear-resistant hardened steel (IMER Standard)

1107535



10 m material hose Ø 60 with camlock coupling

1107536



20 m material hose Ø 60 with camlock coupling

Ø 60 hoses extension complete of quick- trapezoidal pitch thread couplings

1107098



13.30 m material hose 60x79 10 bar Ø 60 with trapezoidal thread couplings

Hose adapters

1107155



Adapter kit for Ø 65 material hoses with Cardan Perrot coupling. Tank connection M with thread F 2 -1/2"

1107167



Adapter kit for Ø 60 material hoses with trapezoidal thread couplings. Tank connection F with thread F 2 -1/2"

1107166



Tank outlet fitting for material hoses Ø 60 with camlock coupling. Threaded F 2 1/2"

Ø 65 hoses extension complete of perrot coupling

1107096



10 m material hose 65x84 10 bar Ø 65 with Cardan Perrot coupling

1107097



20 m material hose 65x84 10 bar Ø 65 with Cardan Perrot coupling

Ø 50 hoses extension complete of camlock coupling

1107533



Material hose Ø 50 - 10 m with camlock coupling

1107534



Material hose Ø 50 - 20 m with camlock coupling

Supports for additional air injection

Recommended for pumping at long distances and high heights with the help of additional compressors

1107599



Y Camlock support Ø 60 for additional air injection

1107600



Support Y Perrot Cardan Perrot Ø65 for additional air injection

PACKED "MOVER" MACHINES WEIGHTS AND DIMENSIONS

Code	Model	Packed machine weight	Packed machine dimensions w / l / h	Equipment weight on pallet 1200 / 1100 / 1600 mm
1106225	Mover 270db EVO	1780 kg	1500/4900/2350 mm	190 kg
1106221	Mover 270dr EVO	1700 kg	1500/4900/1700 mm	190 kg
1106220	Mover 270dbr EVO	1810 kg	1500/4900/2350 mm	190 kg
1106400	Mover 270db EVO T5	1780 kg	1500/4900/2350 mm	190 kg
1106404	Mover 270dr EVO T5	1700 kg	1500/4900/1700 mm	190 kg
1106402	Mover 270dbr EVO T5	1810 kg	1500/4900/2350 mm	190 kg
1106210	Mover 190eb EVO	750 kg	1160/2070/2330 mm	170 kg
1106011	Mover 270e	660 kg	1160/2230/1470 mm	190 kg
1106010	Mover 270eb	790 kg	1160/2230/2330 mm	190 kg
1106226	Mover 270db EVO WT	1780 kg	1500/4900/2350 mm	170 kg
1106227	Mover 270dr EVO WT	1700 kg	1500/4900/1700 mm	170 kg
1106224	Mover 270dbr EVO WT	1810 kg	1500/4900/2350 mm	170 kg
1106401	Mover 270db EVO T5 WT	1780 kg	1500/4900/2350 mm	170 kg
1106405	Mover 270dr EVO T5 WT	1700 kg	1500/4900/1700 mm	170 kg
1106403	Mover 270dbr EVO T5 WT	1810 kg	1500/4900/2350 mm	170 kg
1106211	Mover 190eb EVO WT	750 kg	1160/2070/2330 mm	170 kg
1106012	Mover 270e WT	660 kg	1160/2230/1470 mm	170 kg
1106013	Mover 270eb WT	790 kg	1160/2230/2330 mm	170 kg

Please note: weights estimated with a tolerance of 5%.