



**GLOBAL**  
The Ultimate Challenge

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The machine specifications can be modified at any time without notice  
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## SELF-PROPELLED FRANEX FEEDER



**F606**



High capacity feeder for continuous paving

### Principle

- Simple concept to avoid changing the grading range
- High capacity transfer of materials to limit heat loss
- Instantaneous flow rate 2.000 t/h
- Hopper + conveyor material stock: 12 tonnes
- Feeder speed controlled by paver speed thus avoiding contact between the machines
- Crab steering to compensate potential misalignment of the truck

The above characteristics ensure regular and continuous feeding of the paver and help guarantee a high quality coating

### Strong points

- Rugged construction as per CE standards ensures absorption of shocks caused by the trucks
- Low maintenance cost
- Long wearing part life time
- Feeder design and weight authorises its transfer between sites without specific authorisation

## F606 characteristics

### Weight

- Unladen weight 29.500 kg

### Dimensions

- Length 14.400 mm
- Working width 3.600 mm
- Transport width 3.000 mm
- Working height 4.300 mm
- Transport height 3.450 mm
- Wheelbase 4.200 mm
- Inside turning radius 8.200 mm

### Engine

- Diesel Phase 3, EPA Tiers 3
- 6 compressed Turbo cylinders
- Power as per 2004/26 EC - 220 kW at 2.100 rpm

### Capacity

- Front hopper 2 m<sup>3</sup>
- Conveyor 7 m<sup>3</sup>
- Fuel tank 500 l
- Cleaning tank 200 l
- Hydraulic tank 400 l

### Drive

Hydrostatic with variable displacement pump and two-speed engine with two-gear gearbox with hydraulic control

Two drive axles with planetary gears in the wheels

### Speeds

- Work 0 – 20 m/min (2 ranges)
- Travel 0 – 8 km/h (2 ranges)

### Tyres

- Front / Rear 1600 R 25

### Brakes

#### Front axle:

- Disc handbrake at the front axle inlet, electro-hydraulic control with underpressure safety valve
- Hydrostatic braking on the transmission
- Parking brake: Two drum brakes activated hydraulically on front axle

**Rear axle:** hydrostatic braking on the transmission

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## F606

### Steering

2 drive axles

Travel types selected from the dashboard

Front axle by orbitrol

Rear axle by throttle

### Front receiving hopper

Equipped with pusher rollers

Material feeding device by two worm screws, diameter 300 mm

Front shutter can be lifted hydraulically

Retractable sides for transport

### Extractor conveyor

- Clean double floor metal conveyor with bar chains
- Hydraulic drive, variable speed from 0 to 39 m/min
- Possible instantaneous flow rate: 2.000 t/h (according to materials)
- Neat return, bottom floor can be opened for maintenance
- Front hopper and conveyor assembly can be lifted in transport position
- Bottom floor heated by combustion engine exhaust fumes

### Management and electrical system

- Electrical control
- Management by PLC and bus CAN link
- Automatic move forward control by proportional ultrasound sensor
- 24 V operating voltage
- 2 batteries 180 Ah each

### Standard equipment

Driver's stand, offset-positioned, with high visibility; Rearview mirrors; Complete dashboard with emergency stop button; Emergency stop button mounted on four sides of the machine; Diesel engine automatic alarm system; Warning light; Secured access ramp for driver stand

### Optional equipment

Working headlights; Air-conditioned operator cab; Radio-control; Spare wheel; Power opening of the bottom floor; Buffer hopper control sensor; Wheel sprinkling system; Special paint

### Optional additional equipment STRADDLE HOPPER

Separate storage hopper, on 4 wheels, pivot mounted

- Unladen weight 10 t
- Water capacity 15 m<sup>3</sup>
- Approx. payload 40 t
- Tyres 18 R 22,5
- Length 5.200 mm
- Width 3.800 mm
- Working height 3.200 mm
- Transport height 2.900 mm

Other types of hoppers can be proposed on request