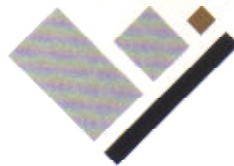


SVEDALA COMPACTION AND PAVING

DYNAPAC F 16 W WHEELED PAVER



SVEDALA



F 16 W WHEELED PAVER



For many years, Dynapac wheeled pavers have proved to be successful in the most diverse fields of use. The progressive and reliable equipment produced by Dynapac provides very high performance and is easy to maintain and to operate. One of the most essential aspects regarding the traction power of a wheeled paver is the size of its drive wheels. The wheels of type F16W, having a size of 13.00 R-22,5, produce a traction power that is necessary to cover also large working widths.

steering wheels. If requested, the F16W is also available with front wheel drive. This additional drive system can be switched on or off. Thus, the traction required, which varies according to the different road works, can be adapted

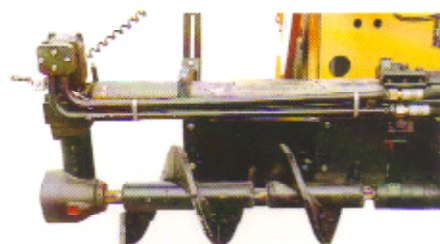


ted to the respective fields of application.

The front wheel assembly is asymmetrical and pivot-mounted. Such type of suspension compensates for minor undulations already in the area of the

The auger drives being located on the outside of the machine, ensure that the material flow in the centre area is not interrupted. Both, the direction and the speed of the two auger halves

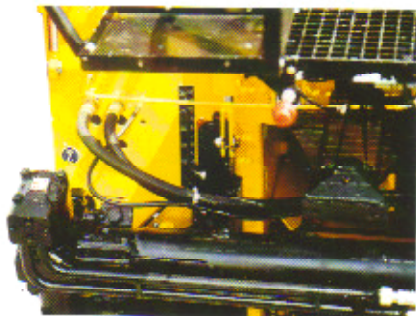
can be independently adjusted. Whether the machine is working on straight runs, in curves, where a different layer height is required on one side, around corners or road junctions, the screed is at any time supplied with the optimum amount of material. Material supply depends on material consumption and is controlled automatically. The auger may be extended up to a working width of 6,75 m without the attachment of additional supports. This



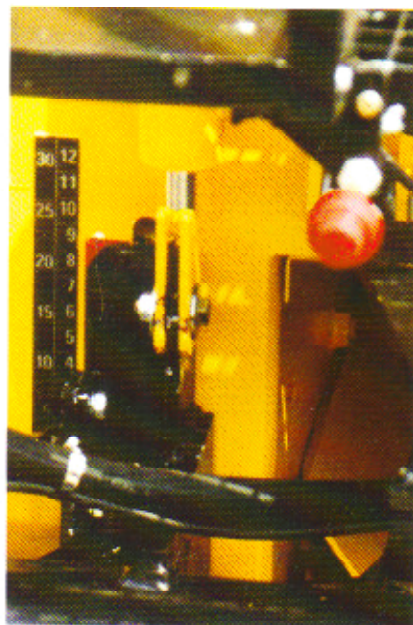
is accomplished by the use of the external drive units, fixed to a telescopic tube. Expanded working width is achieved by extending the telescopic tube and inserting the auger extensions. This process is not lengthy so that the finisher is ready for use again in a very short time.

F 16 W WHEELED PAVER

Dynapac pavers are equipped with augers adjustable in height. Optionally, the complete system of the F 16 W can hydraulically be adjusted in height and thus be



adapted to different laying conditions.



The material transport via the auger can be controlled precisely by contactless ultra sonic sensors (option), making sure that the screed is permanently and in the



best possible way supplied with material. The operator can easily control the smooth material transport by turning a governor placed on the outside of the sensor.

As an option, the Dynapac paver may be supplied with a slidable operator seat traversing beyond the basic machine width. Considering the ergonomic point of



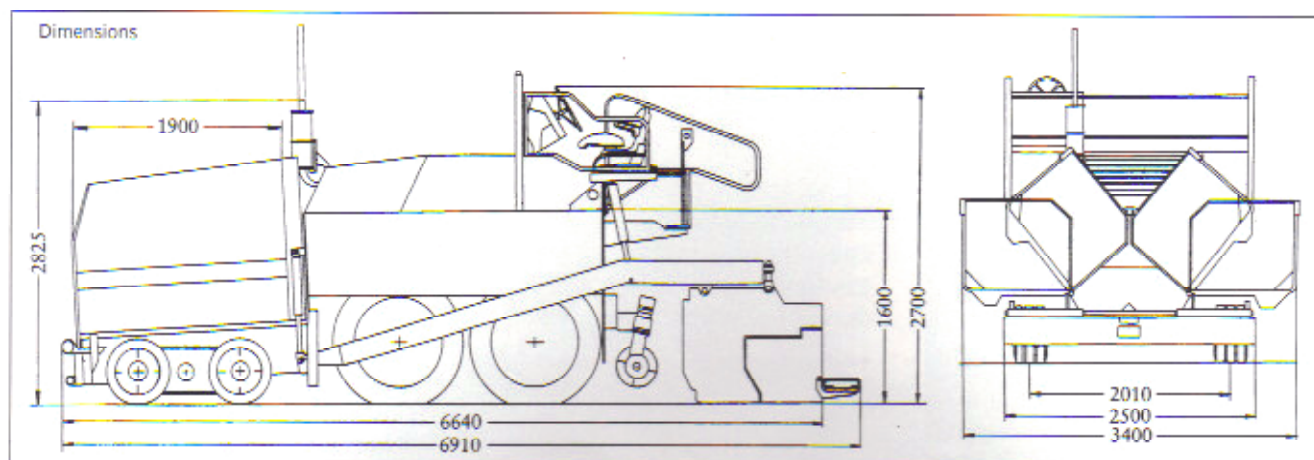
view this enables the operator to have a good view on the direction indicator, even with reduced operating width and the hopper swung open.

Dynapac gives top priority to subjects like the preservation of the machine value and its constant readiness for work. Even the most sophisticated finisher is of little use if it cannot be operated properly. The arrangement of all important assemblies and the easily removable side covers ensure easy access to the machine. Dip stick and tank filler caps are conveniently located. Oil draining plugs for the engine, gearbox and axle are situated at the outside of the paver in order to facilitate oil changes. All of the hydraulic circuits have their own separate screw type test connector



so that any possible defects can be quickly located. Dynapac places also great importance to working reliability and operating safety. All of the hydraulic circuits are fitted with special high pressure filters. Drive units are covered to prevent accidental contact. Steps and platforms are made from nonskid materials. We are also proud of our progress in noise reduction, with Dynapac machines producing noise values below 80 dB (A).

F16W WHEELED PAVER TECHNICAL DATA



Capacity		Undercarriage	
Working width:	Basic width 2,50 m, incl. hydr. extendable screed, infinitely adjustable up to 4,75 m	Drive wheels:	4 x 13.00R-22.5
Laying depth:	0-300 mm	Front wheels:	4 x 560 / 100-410
Working speed:	0-26,5 m/min	Final drive:	Two-speed gear box with differential and differential lock
Transport speed:	0-16,5 km/h		
Weight incl. Vario-Screed VB 850 TV	ca. 15,6 t	Hopper	
Engine		Capacity:	5,7 m ³ , ca. 12,5 t
Make:	DEUTZ	dumping height, centre:	475 mm
Type:	6 cylinder-Diesel; BF6M1012	dumping height, over wings:	595 mm
Rating:	79 kW (107 HP)	Conveyor	
Electrical System:	24 Volt	Type:	dual bar feeder
Operation		Width:	2 x 600 mm
Operator Console:	slidable le./ri.	Conveyor control:	proportional speed control both sides independent
Operator Seat:	Adjustable, fluid-cushioned comfort seat		
Lay-down capacity theoretical	600 t/h	Auger	
Drive system for all units	hydrostatically, optional: Front wheel drive on/off, Torque adjustable	Auger diameter:	380 mm
		Auger control:	Proportional speed control, both auger halves independent from another, direction of rotation reversible

Screeds for F16W	Basic width	hydr. extendable up to	max. work width	Compacting elements	Heating
VB 850 TV	2,50 m	4,75 m	7,00 m	Tamper & Vibration	Propane-gas
VB 851 TV	2,50 m	4,75 m	7,00 m	Tamper & Vibration	Propane-gas
VB 1000 TV	3,00 m	5,75 m	7,00 m	Tamper & Vibration	Propane-gas
SB 750 TV	2,50 m	—	7,50 m	Tamper & Vibration	Propane-gas
COMBO	2,50 m	4,75 m	6,00 m	First and second tamper stage	Propane-gas

Range of application	Paving of bituminous materials for asphalt base courses, binder and wearing courses. Unbound mineral mixes as well as any materials like sand, gravel or slag.
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