



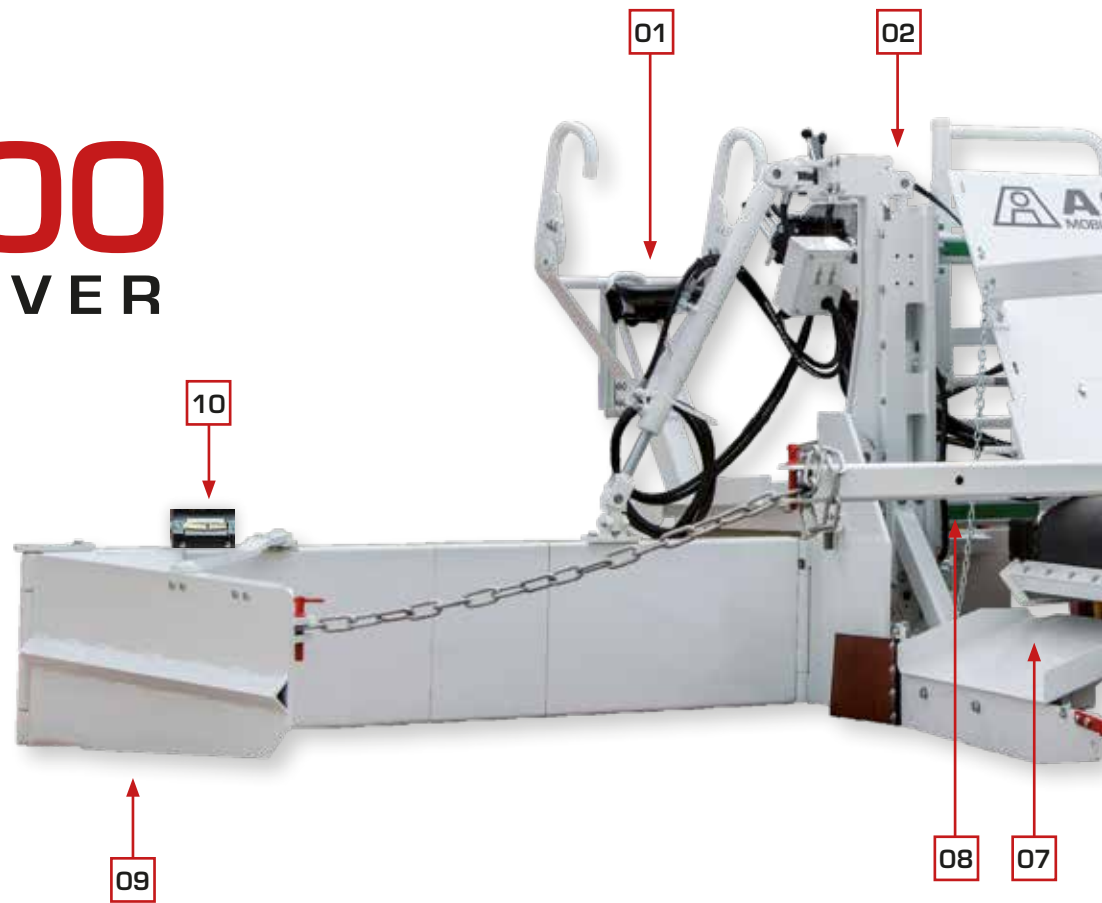
A maximum of power with a minimum investment –  
the economical solution for road construction.

# BF 400

SIDE PAVER

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## SIDE PAVER



01 Well-arranged operator platform with ergonomically designed control panel



02 Disc broom for cleaning the road pavement (optional)



03 Powerful watercooled 3 cylinder turbulence chamber four stroke suction diesel engine by Kubota



04 Hydraulic adjustable truck push rollers



05 Specific heavy duty wheels



06 Conveyor belt (rubber) special heat resistant up to 180°C (optional)



Extendable material flow gate



Hydraulic screed levelling



Hydraulically extendable paving screed with a standard working width of 500-2000 mm (optional 500-3000 mm)



Slope adjustment hydraulically



Hydraulic lift adjustment of the bunker flap



Universal adapter plate to connect the wheel loader or tractor (optional)



Robust and solid design, wide working width

## Easy Operation

The operator of the BF 400 is well seated on the side of the machine, all hydraulic levers are in easy reach, a perfect view of the working area to control the material flow, the degree of inclination +/- 30 degree, underfloor and above floor paving, in other words: he is close to the action.

The material hopper of the BF 400 is wide enough to receive all sizes of trucks. Hydraulically extendable truck pushing rollers adjust easy to different truck bed bodies. The



Road extension with 2 m working width – capacity for 400 to per hour

## The Road Widener / Side Paver BF 400

The BF 400 can be used for road widening, shoulder work, maintenance and repairs of roads and farm lanes. All different types of soil, gravel, asphalt and lean concrete can be paved with the BF 400. The road surface level functions determinate the material placement. Down grade, height and width can be adjusted hydraulically.

hydraulically extendable screed has a working width from 0–2.0 m (optional 3.0 m) and can also pave 300 mm below surface. Depending on the layer thickness the laydown speed is between 15–50 m/min.

Many contractors around the world see the exceptional advantages of the BF 400. A multi talent machine for drive ways, road extensions, road side banks, canal fill backs, etc.



Excellent material flow on construction site

## Powerful and maintenance-free

The BF 400 weighs 3.5 tons and is a heavy weight. With perfect stability and a high lay down capacity of 400 t/hr. Practical and versatile. Low maintenance intervals and from time to time a retension of the conveyor belt is required. The BF 400 is fitted with a powerful, watercooled 3-cylinder Kubota Diesel engine and own hydraulic for conveyor belt and the hydraulically extendable paving screed. All functions are fully hydraulically. The best choice to push and steer the road widener is a wheel loader, reach truck, tractor or similar. The feeding process of the material tub handled by truck, same as with a conventional paver finisher. A continuous paving process is guaranteed.



Excellent sound insulation

## Profitable

The BF 400 is the most suitable machine to carry out all road side jobs economically and faster than any other equipment. Investment costs are low. Any wheel loader can be used, preferably not below 80 kW. The road widener is easily connected by an adapter plate with the pushing machine. No additional power is necessary. Arrived on the job site the road widener is ready to work within a few minutes. The conveyor belt pushes the material directly to the road side. Simple and economical and the operator controls the flow and volume.

## Installation properties

The BF 400 allows a high installation rate. The working speed ranging from 15–50 m/min, depending on layer thickness. Two-layer road widening is possible without problem. Hydraulic adjustable truck push rollers and the hydraulic lift adjustment of the bunker flap allows a stable smooth material supply, also in case of different loading beds of the trucks. The lateral paving screed can be hydraulically adjusted. The concrete quantity will be controlled by the running speed of the conveyor belt.

## Technical data BF 400

Weight	kg	3.500
Width	mm	3.600
Depth	mm	2.470
Height	mm	1.700
Engine	KUBOTA DIESEL	watercooled
Power	kW/PS	18,7/25
Feeding height	mm	480
Paving Width	mm	0–2.000
Deep below O	mm	+/- 300
Slope degree		+/- 30
Traverse side hub	mm	300
Wheels	8 x Vulcolan heavy duty	
Hot asphalt belt (optional)		up to 180° C
Belt speed	hydraulically adjustable	
Adapter for push equipment	hydraulically adjustable	



**Material handling:**  
All earth, sand and asphalt materials

## BF 400 in operation



Rapid material placing with flow control



Road extension with 2 m working width



Good overview during the paving process



Big hopper carriers 4.0 to material, easy operation, fast and economical

## Finished Shoulder




Loading process with hydraulic lift adjustment of the bunker flap




Slide slope individually adjustable

## Optional equipment BF 400

 **Disc broom**  
for cleaning the pavement




 **Working width extension**  
can be expanded to a maximum of 3.000 mm



 **Conveyor belt**  
up to 180° C heat resistant and extremely robust




 **Adapter plate**  
Universal adapter plate for connecting with wheel loader or tractor



 **Control panel extension**  
provides the opportunity to extend the control panel for a direct steering from wheel loader or tractor



 **Truck hook connection**  
Height adjustable towing hook, easy and fast coupling with truck by trust-traverse, incl. two hydraulic outriggers for variable high adjustment





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