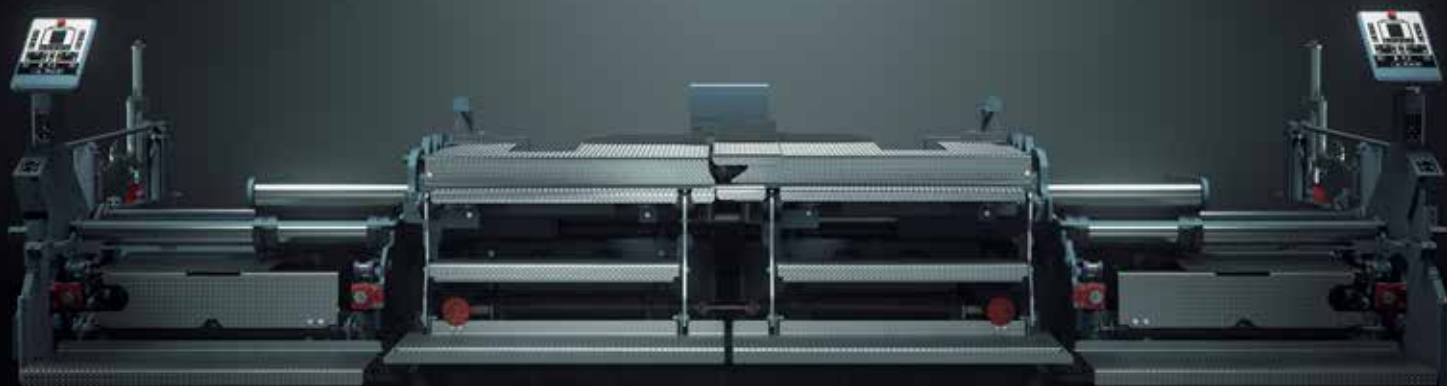


# ***DYNAPAC HIGH COMPACTION SCREEDS***

V5100 TH E  
V6000 TH E



# TH E Screed

With Unique Dynapac HCU-Design



## VERSATILE USAGE COMBINED WITH EXCELLENT SURFACE QUALITY

The new Dynapac TH E Screed range is designed to deliver excellent surface quality on every layer. You no longer need to care about the material you use or the environmental conditions on your jobsite. The new **HCU-Design** (High Compaction Unit Design) allows easy adjustments via the remote controls while every HCU unit works completely independent. This ensures maximum productivity, flexibility and outstanding reliability.



# HIGHEST PRECISION AND UNMATCHED QUALITY WITH 3-IN-1-DESIGN

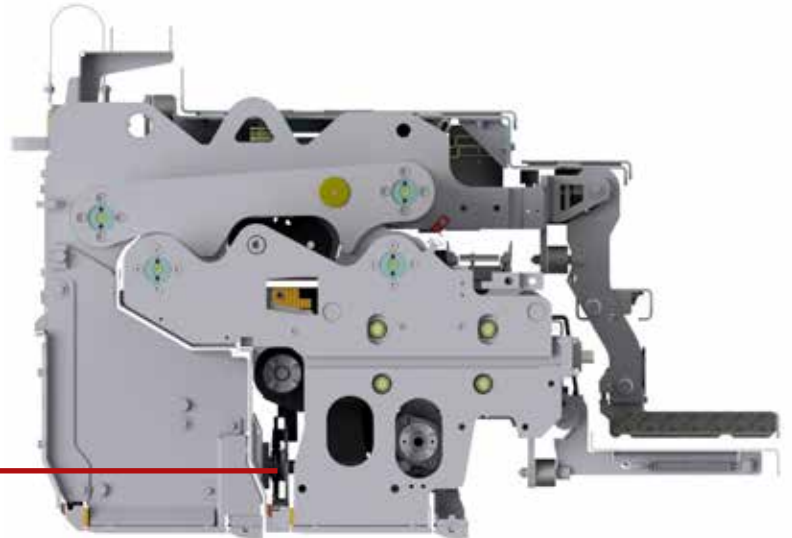
Set the machine as you need it. The new Dynapac TH E Screed combines three different methods of compaction in one machine:

## ***Tamper***

To ensure a perfect and high surface compaction the well-known Dynapac tamper System is in place.

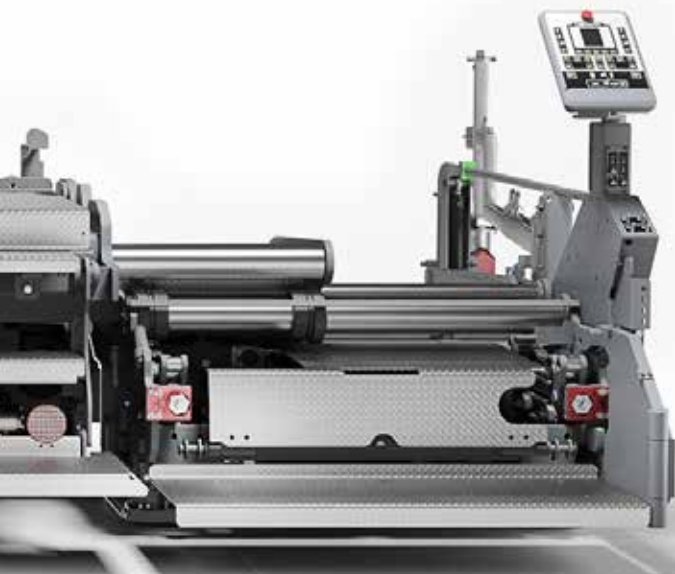
## ***Static Weight and Vibrations***

The Dynapac bottom Plates ensure a perfect surface and convert the screeds static weight into pure compaction. Combined with the controllable vibrations caused by the High Compaction Units it is easier to reach the result you need than ever before.



## ***Hydraulic High Compaction Unit***

The fully redesigned High Compaction Unit push the pre-compaction to the max. The combination of static hydraulic pressure, which is freely adjustable, and very high frequencies provide the perfect setup for every paving situation.



# TH E Screed

With Unique Dynapac HCU-Design

## HIGH PRE-COMPACTION

The combination of three compaction systems in one machine delivers an added pre-compaction of 7% compared to a standard TV Screed.



*Faster paving speed with standard compaction*

*Less fuel consumption for standard compaction*

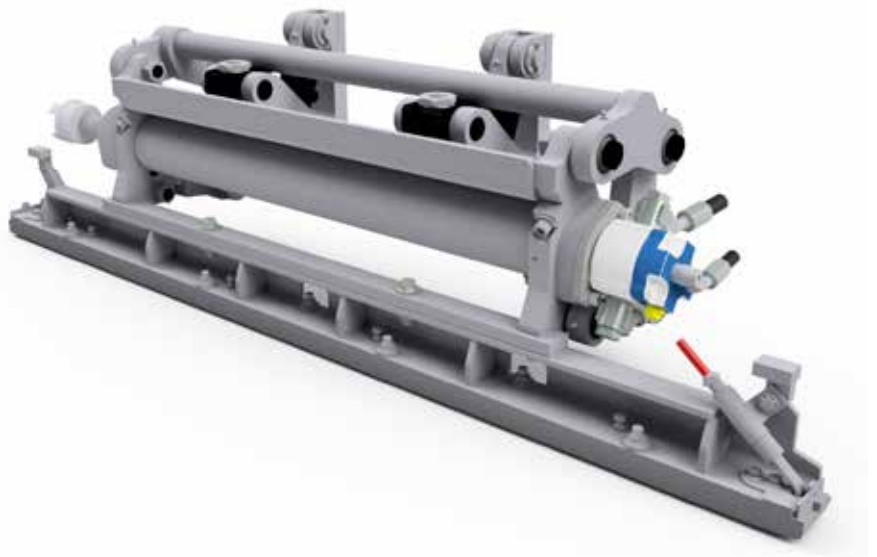
*Reduction of roller passes*

*Higher compaction in earlier state*

## MORE QUIET THAN A SYMPHONY ORCHESTRA

The unique Dynapac HCU-Design avoids mechanical friction and noisy components. During the whole design process our strict Dynapac noise guidelines have been a main focus.

**The result:** A reliable system which still keeps the paver in the range of 104 dB (A).





## EASE OF ADJUSTMENT TO FIT YOUR NEEDS

With the Dynapac Screed Remote controls everything you need to react is at your fingertips.



The Dynapac TH E Screeds can be adjusted precisely to the jobsite requirements allowing to set the frequency of the high compaction bar independently from the hydraulic pressure. This allows you to have the ideal set up at every time.

Dynapac high compaction screeds can be used for different kind of material from RCC up to highly modified bituminous asphalt.

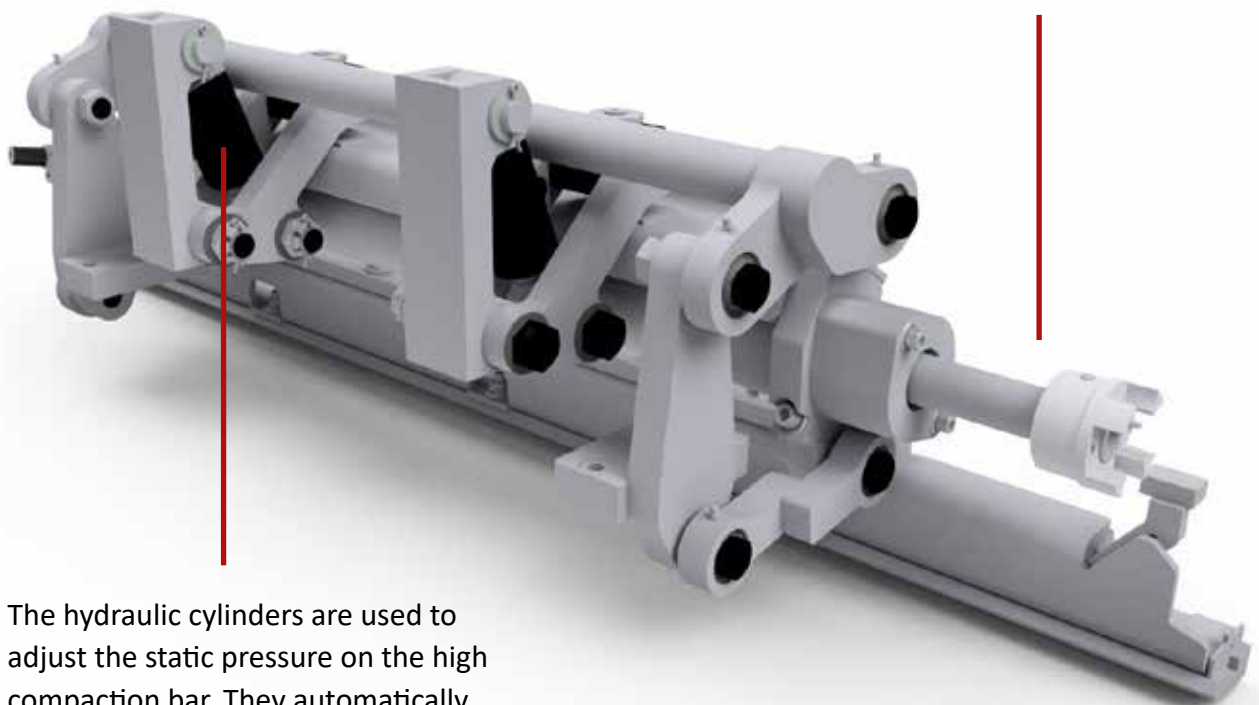
# TH E Screed

*With Unique Dynapac HCU-Design*

## THE TECHNOLOGY BEHIND

The Dynapac HCU-Design is designed to provide maximum reliability. The parallelogram which is used to lift and lower the system is packed with highly reliable bearings and special coatings for a long lifetime.

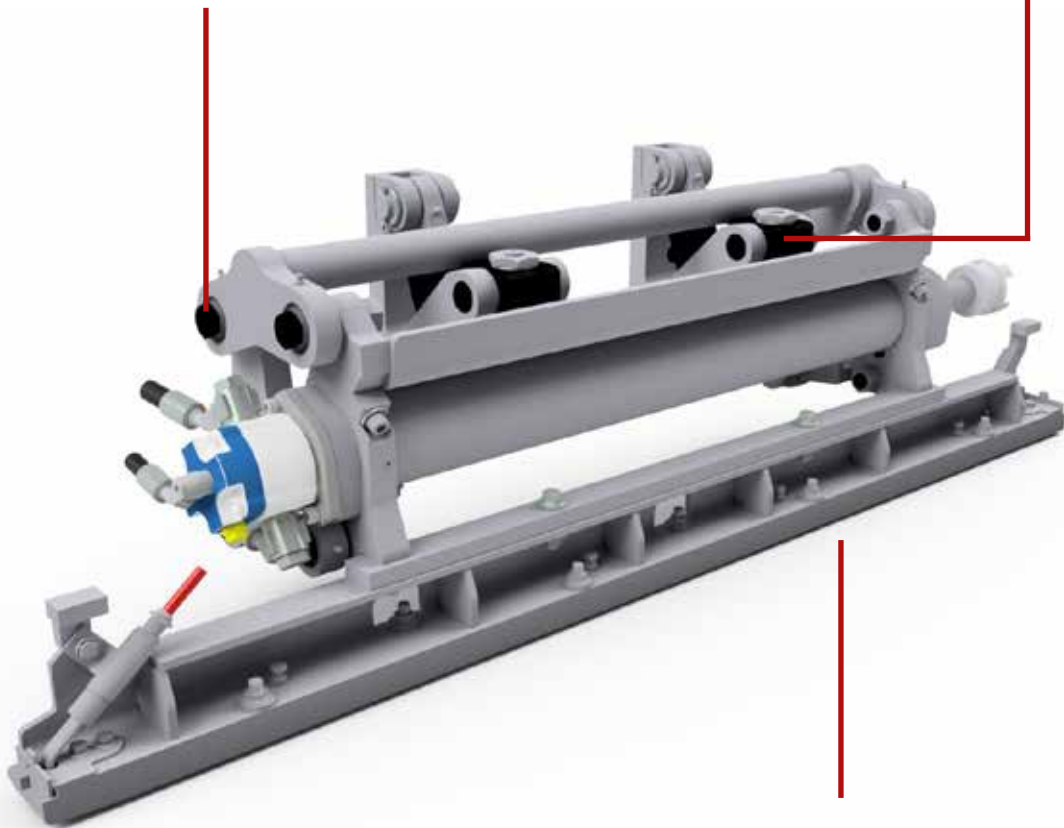
The Vibration is capable to reach 3000 rpm which is equal to a frequency of 50 hz. By using frequencies this high, the single stones inside the paved material start to rearrange and interlink even in the lowest depth of thick layers. Additionally it brings the bitumen to the surface.



The hydraulic cylinders are used to adjust the static pressure on the high compaction bar. They automatically lower after starting the paving process and they raise when you have finished. When you stop paving without lifting the screed they change in a floating position to avoid markings on the paved Surface.

Bearings you do not need to care about.  
The new design uses only high efficient  
SKF® bearings to ensure a long and stable  
life time.

Uniquely designed spring and damping  
systems in combination with special  
coatings enables this design to combine  
three compaction systems in one machine.  
It gives the possibility to adjust  
the main impact by using two values on  
the remote control – all this fully automatic



Smooth surfaces have been one of  
the main focus while designing the  
new High Compaction Units. Special  
shaped gliding plates are created to  
not rip the material in any paving  
situation. This ensures a high surface  
quality even on thin wearing courses.

# TH E Screed

## Technical Data

	V5100TH E	V6000TH E
<b>WEIGHT</b>		
Weight, t	3.8	4.43
<b>DIMENSIONS</b>		
Min. width, m	2.55	3.00
Hydr. extendable, m	5.10	6.10
Max. working width, m	8.10	9.00
Extensions, mm	750	750
<b>COMPACTION</b>		
Max. tamper, rpm	1500	1500
Max. vibration, rpm	3000	3000
Max. pressure, bar	70	70
<b>HEATING &amp; CROWNING</b>		
Heating system	Electric	Electric
Crown profile	-2.5% to + 4.5%	-2.5% to + 4.5%

***Your Partner on the Road Ahead***