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S600 FEATURES GALLERY

EQUIPMENT TECHNOLOGY

Guntert & Zimmerman's dedication to innovation and constant improvement of the state of the art paving technology make its pavers and support equipment the most advanced in the market. G&Z has benefited over the years by partnering with their contractor customers to produce equipment that increases productivity and achieves the best and highest quality results. Our devoted engineering team is consistently challenged to take comments and feedback from the field and turn those suggestions into practical working solutions for the end user.

G&Z's equipment is produced with the greatest attention to detail and quality. The innovative technology designed into each G&Z product is unmatched in the industry. G&Z's productive and dependable options give the contractor the tools necessary to successfully compete in an increasingly tougher and competitive market.



AccuSteer



SmartLeg



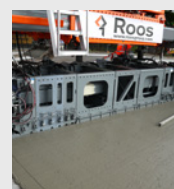
Operator Controls



Transport



TeleEnds



Paving Kit



90 Degree Steering



Counter Rotation



Stringless



Integral Curb



Spreader Plow



Final Finisher

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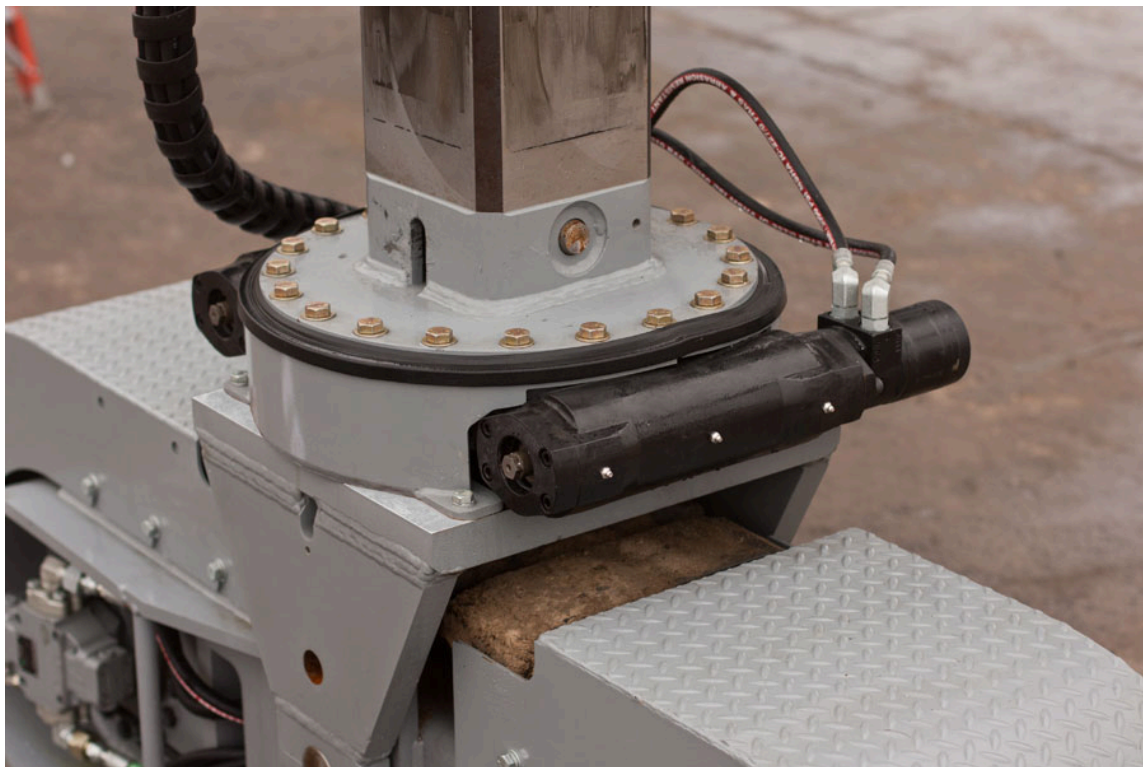
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CANAL LINING EQUIPMENT

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AccuSteer

As an option, the S600 can be equipped with the patented AccuSteer: Slew Drive Track Control System. The AccuSteer system uses slew drives which are mounted on top of the crawler track yokes to steer the tracks in lieu of conventional steering cylinders. They eliminate the need to repin steering cylinders and reset the steering transducer when changing the swing leg/crawler track position. The AccuSteer slew drives are powered with dual hydraulic motor driven hourglass worm gears giving enormous power and gear life to the gearbox. The AccuSteer system allows the operator to independently rotate each crawler track 320 degrees providing unparalleled paver maneuverability on site, rapid swing leg relocation for paving and transport, and speeds width change. This option includes the required heavier duty jacking columns and reinforced track yokes. These jacking columns have 42" (1.1m) of hydraulic lift and 36" (915mm) of mechanical bolting adjustment.

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CANAL LINING EQUIPMENT

EAGLE WHEEL TRENCHERS



SmartLeg

The S600 is also available with the new and patented SmartLeg: Swing Leg System. Working in tandem with the AccuSteer steering system, the SmartLeg System allows the operator to adjust the bolster swing leg angle on the fly by means of a hydraulic cylinder and bolster angle transducer which relocates the crawler track while automatically keeping the crawler track straight ahead. This system allows the contractor to maneuver around track line obstacles (e.g. fire hydrants, airport runway lights, light poles, etc.) on the fly without the need of stopping to make a bolster swing leg mechanical adjustment or resetting the steering transducer.

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CANAL LINING EQUIPMENT

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Operator Controls

G&Z Next Generation Plus 1 Operator Control System incorporates user friendly operator features and state of the art networked controllers allowing extensive monitoring and diagnostic capability including remote diagnostics. The Operator Console features intuitively organized switches which are labeled with standard ISO symbols making this a durable, easy to use, multi-lingual user interface.

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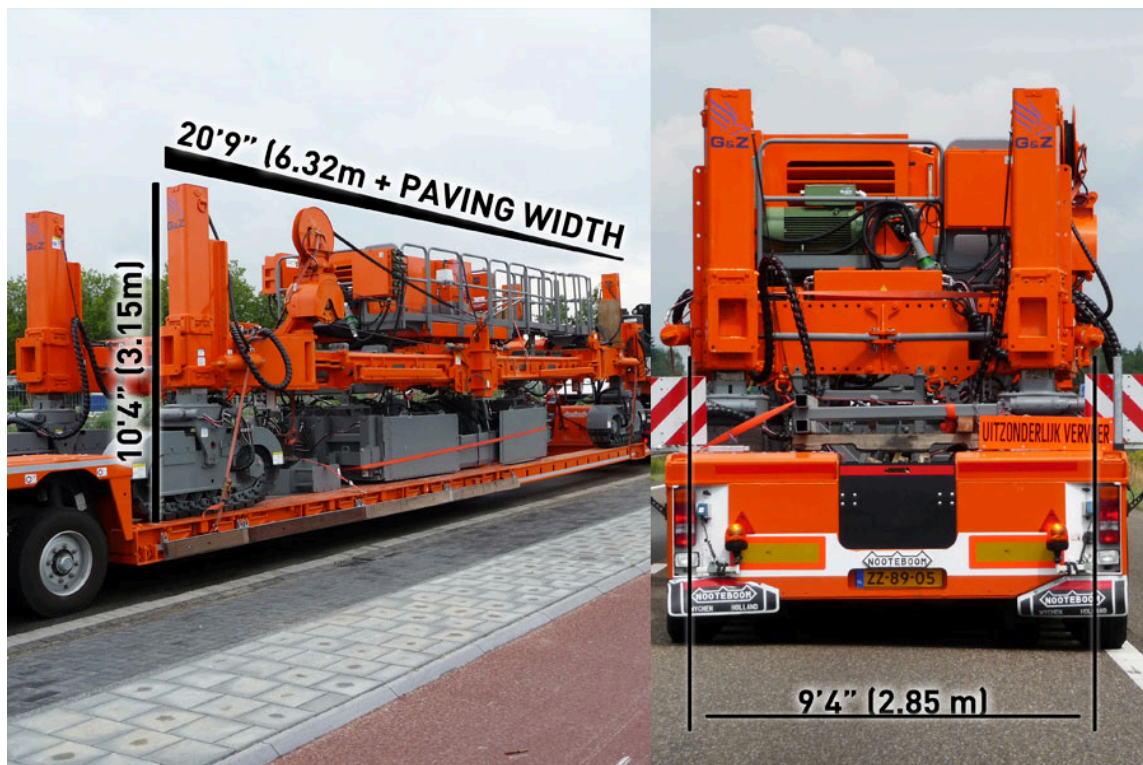
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EAGLE WHEEL TRENCHERS



Transport

With the new optional SmartLeg and AccuSteer Systems, the process for transforming the S600 from paving mode into the transport configuration can be automated. This simple innovative process dramatically saves the time required to transform the S600 into the transport configuration as compared to other conventional slipform pavers. Using the combination of the AccuSteer 90 degree steering mode and the SmartLeg feature, the four swing bolsters and crawler tracks are automatically walked into the outboard, transport position in approx. 30 minutes. In this transport configuration, the S600 can easily walk and steer onto a standard 8 ft. (2.5 m) wide trailer. There is no switching of hoses required on the crawler tracks and the crawlers are automatically kept parallel for steering.

EQ

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CANAL LINING EQUIPMENT

EAGLE WHEEL TRENCHERS



90 Degree Steering

When the S600 is equipped with the optional AccuSteer System, the operator can remotely rotate the crawler tracks 90 degrees to the direction of travel and steer the machine sideways. A wide range of steering angles is possible with the Slew Drive Control. No switching of hoses is required on the crawler tracks. This feature greatly enhances job site maneuverability in the tightest of confines and minimizes the size of hand pours.

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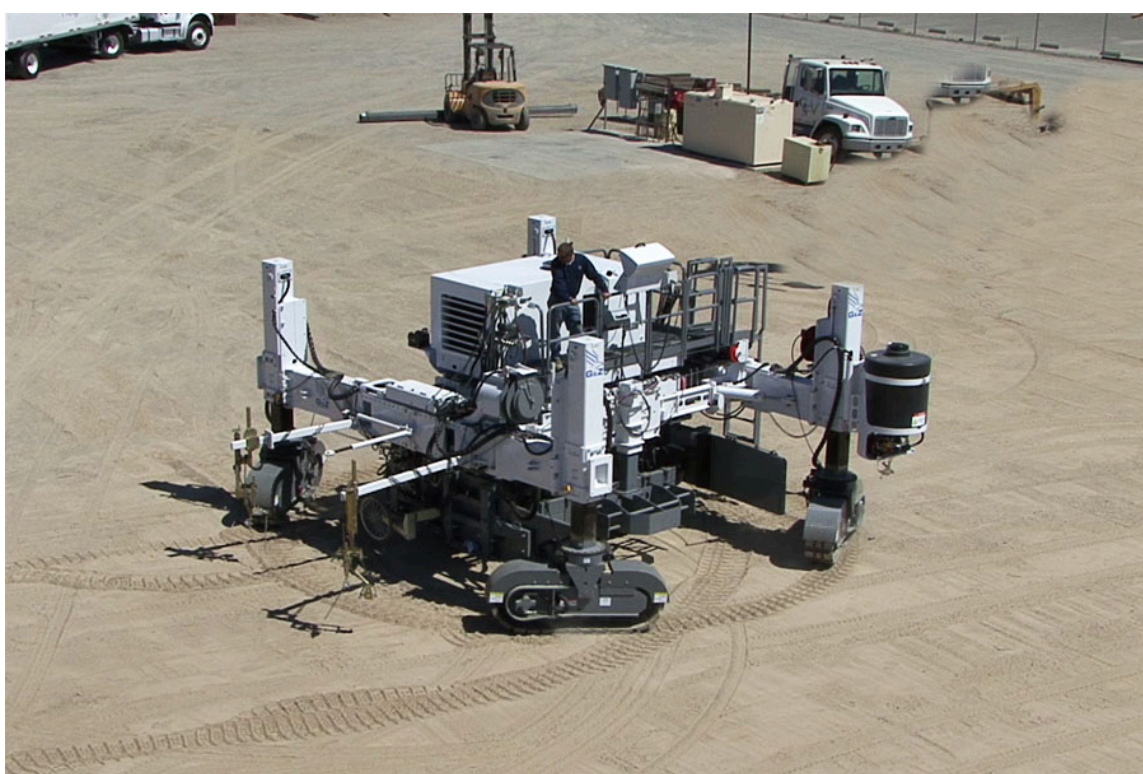
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CANAL LINING EQUIPMENT

EAGLE WHEEL TRENCHERS



Counter Rotation

When the S600 is equipped with the optional AccuSteer System, the operator can quickly re-orientate the S600 crawlers into the counter-rotate position and rotate the machine 360 degrees in a small amount of space. Counter Rotate is one of the many pre-programmed steering modes of the S600 along with crab and coordinated steer, front and rear only steer.

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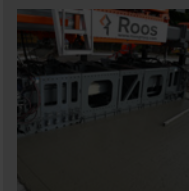
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