

Features & Functions



User-friendly, intuitive interface with quick, clear, simple steps to final calculations.



Hydraulic calculations based on widely used 'Modified-Manning-Strickler' formula. Hydraulic discharge provided on a free outflow basis.



Accommodates HAURATON's core range of linear drainage systems for total design flexibility (for civils, commercial, landscape and other project types). Includes all channel types and depths available.



Rainfall intensity options in mm/h, l/s*Ha and l/s*m². UK Software: Rainfall Map using data from 'Flood Studies Report'. User options for Return Period, Storm Duration and Climate Change.



Automatic and manual channel run design functions.



Constant-depth and step-fall channel configuration options.



Accommodates both 0% and positive longitudinal ground slopes.



Detailed hydraulic analysis of channel run designs.

Contact us for specialised design support:

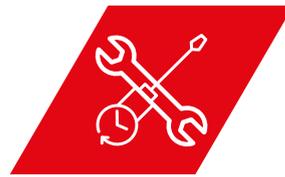
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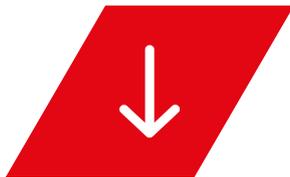
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Controlled discharge/
water attenuation function
for HICAP® Slot Channel
designs.



Quick user tools for
adding/duplicating runs,
resetting designs, adding
notes etc.



'Drag & Drop' function for
adding Point Inflows to
the channel run design.
Tributary channels can be
linked to the main channel
run being designed.



'Drag & Drop' function for
adding system Accessories
to the channel run design.



Comprehensive product
library for 'one-stop'
specification data.
HAURATON website links
for additional product
information.



HELP file and tool-tips for
detailed design guidance
and advice.



Project folder for
registered users offering
safe and secure server
storage of final designs.
Option to export design
files for external storage.



Automatic generation of
.pdf project documents
for specification support.
Hydraulic Analysis,
Materials List and
Information datasheets
available.

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Design Reassurance

DesignSoftware has been tested extensively and the methodology validated by an independent hydraulics consultancy company.

Our 'in-house' hydraulic design software has been used successfully by HAURATON technical personnel for over 30 years with total reliability.



Confidential

Registered users (password protected) have access to safe and secure server storage regarding their final designs.

Designs remain strictly confidential unless users tick to 'share with HAURATON'.

Registered users have the option to export design files for external storage in their own computers or for sharing with colleagues for further design or discussion.

DesignSoftware has been configured to comply fully with GDPR 'data privacy' regulations.



Hydraulic Design - Additional Systems

For hydraulic design of additional HAURATON systems not included within our DesignSoftware, please refer to your HAURATON subsidiary or local trade partner for technical support.



Experience & Expertise

A world leader in the manufacture of modular surface drainage systems, HAURATON drainage products have been supplied onto major projects within international markets for over sixty five years.

We developed our first linear drainage system in 1956. Since that time the HAURATON brand has become known around the world as a benchmark for quality, reliability, durability and service.

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