

# INPUT DATA SHEET

In order to design a correct crawler system, we require the following data from you:

## PRODUCT REQUESTED:

Machine type / application: \_\_\_\_\_

Sideframe:  YES  NO

Complete undercarriage frame:  YES  NO

## GENERAL INPUT DATA

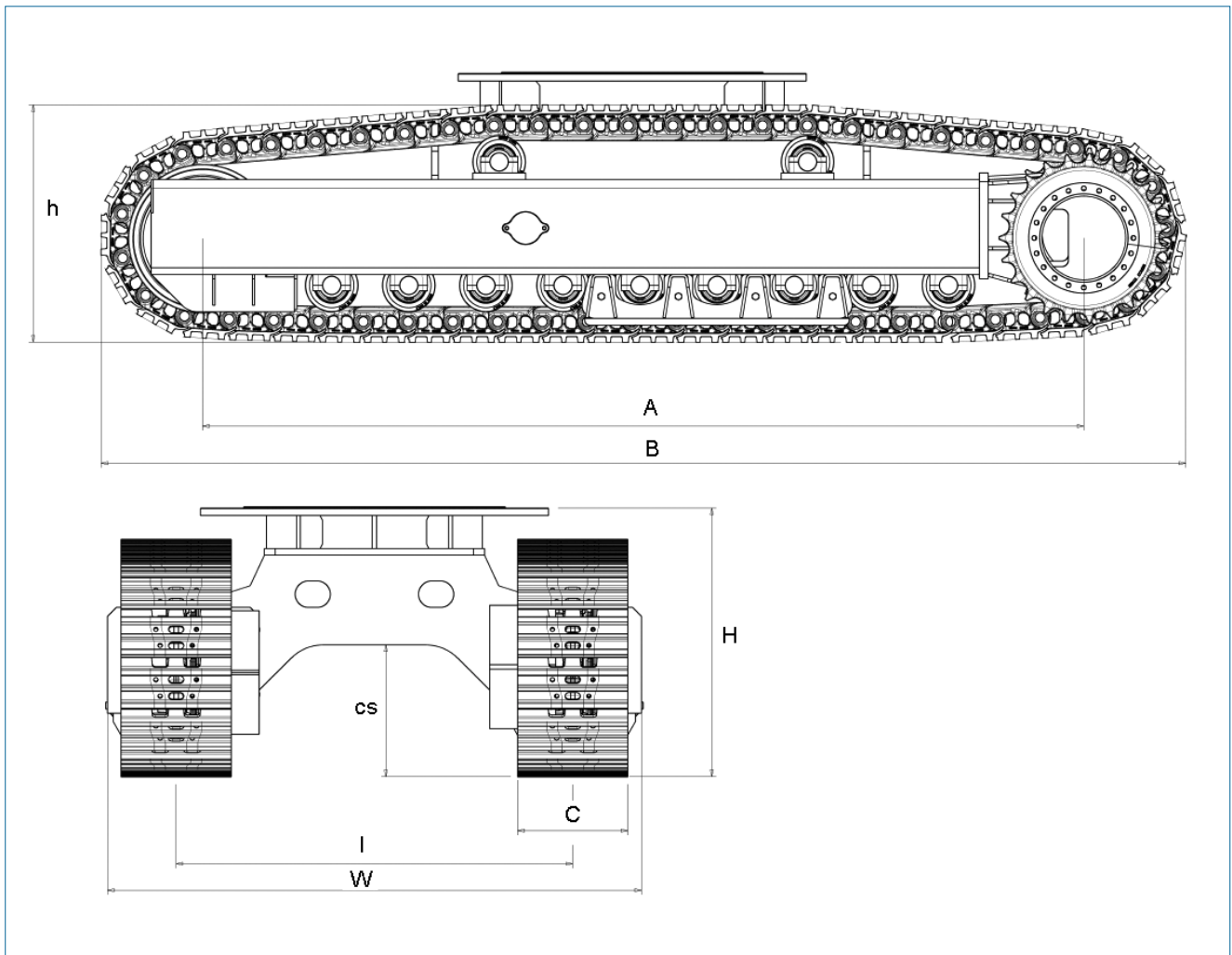
Total machine weight (static / dynamic): \_\_\_\_\_ Kg

Weight distribution (CG position): \_\_\_\_\_

Power available for translation per side: \_\_\_\_\_ kW

Undercarriage size now used: \_\_\_\_\_

Soil conditions: \_\_\_\_\_



**REQUESTED PERFORMANCE:**

Total pull force: F \_\_\_\_\_ kN  
 Max vehicle translational speed: v \_\_\_\_\_ Km/h  
 Gradeability: G \_\_\_\_\_ %  
 Max bending moment: M \_\_\_\_\_ kN-m  
 Ground pressure: GP \_\_\_\_\_ Kgf/cm<sup>2</sup>  
 Maneuvrability special requests, min turning radius: \_\_\_\_\_ m

**REQUESTED DIMENSIONS**

Carriage pitch: A \_\_\_\_\_ mm  
 Total length: B \_\_\_\_\_ mm  
 Track gauge: l \_\_\_\_\_ mm  
 Track shoe width, mm: C \_\_\_\_\_ mm  
 Total width: W \_\_\_\_\_ mm  
 Total carriage height: H \_\_\_\_\_ mm  
 Total sideframe height: h \_\_\_\_\_ mm  
 Clear span from ground (headroom): cs \_\_\_\_\_ mm

**AVAILABLE POWER PLANT - HYDRAULIC PUMP**

Number of pumps: \_\_\_\_\_ -  
 Pump displacement: Dp \_\_\_\_\_ cc  
 Pump speed: n \_\_\_\_\_ rpm  
 Hydraulic system max pressure: p<sub>s</sub> \_\_\_\_\_ bar  
 Working pressure (max differential output): Δp \_\_\_\_\_ bar  
 Flow rate per pump: Q \_\_\_\_\_ l/min

**REQUESTED FEATURES:**

Oscillating sideframes:  YES  NO  
 Welded sideframes:  YES  NO  
 Bolted sideframes:  YES  NO  
 Track type  METAL TRACK  RUBBER BELT

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Track shoes  1 GROUSER  2 GROUSERS  3 GROUSERS  
 CLIPPED  MUD SLOT  PU  RUBBER

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Fixed / Variable displacement motors:  Fixed  Variable  
 Are stabilizers / levelling jacks used during working cycle?:  YES  NO

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Planned annual demand \_\_\_\_\_  
 Expected implementation time \_\_\_\_\_  
 Special application conditions \_\_\_\_\_