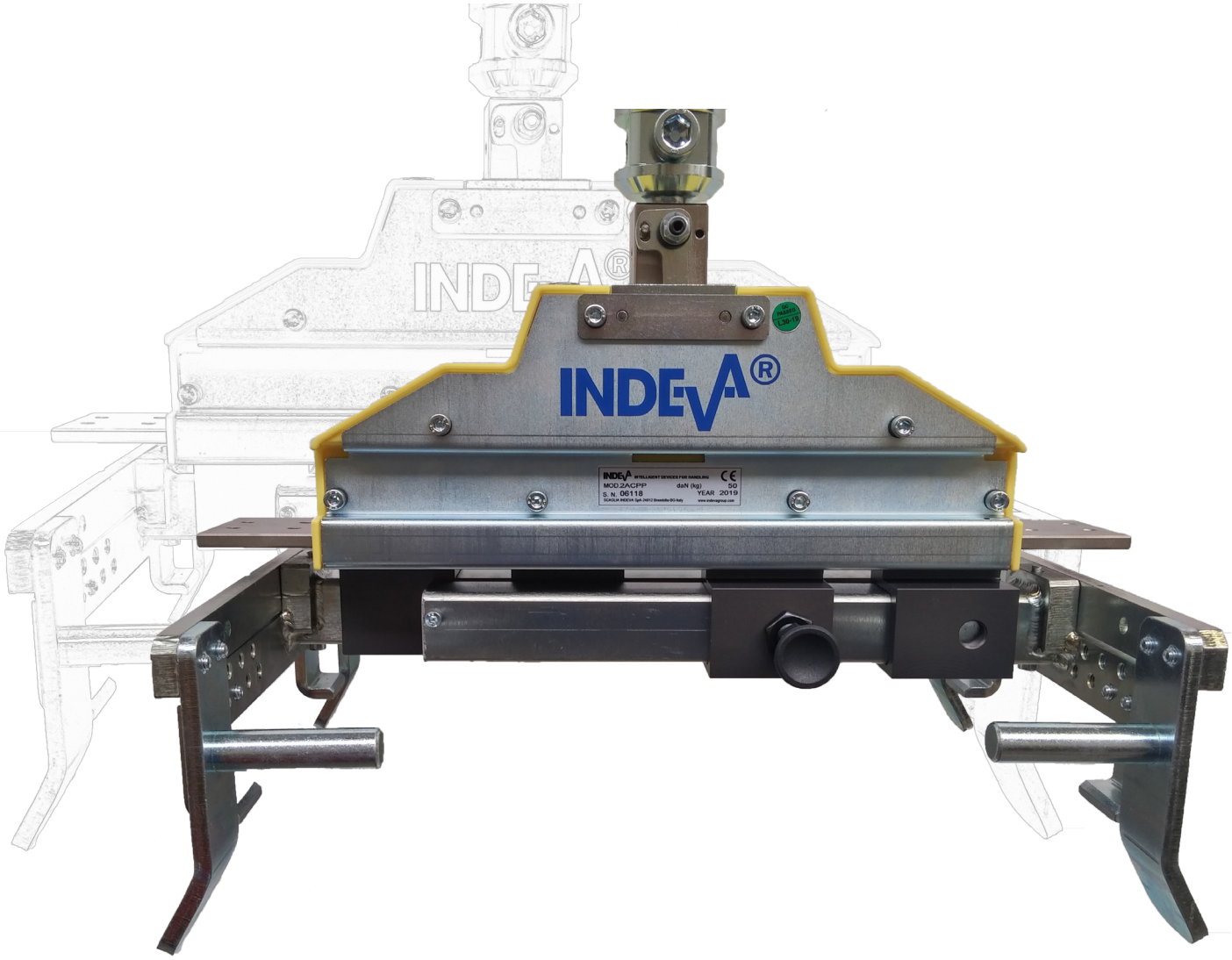
LINEAR PANTOGRAPH



INDEVA®

INTELLIGENT DEVICES FOR HANDLING

LINEAR PANTOGRAPH

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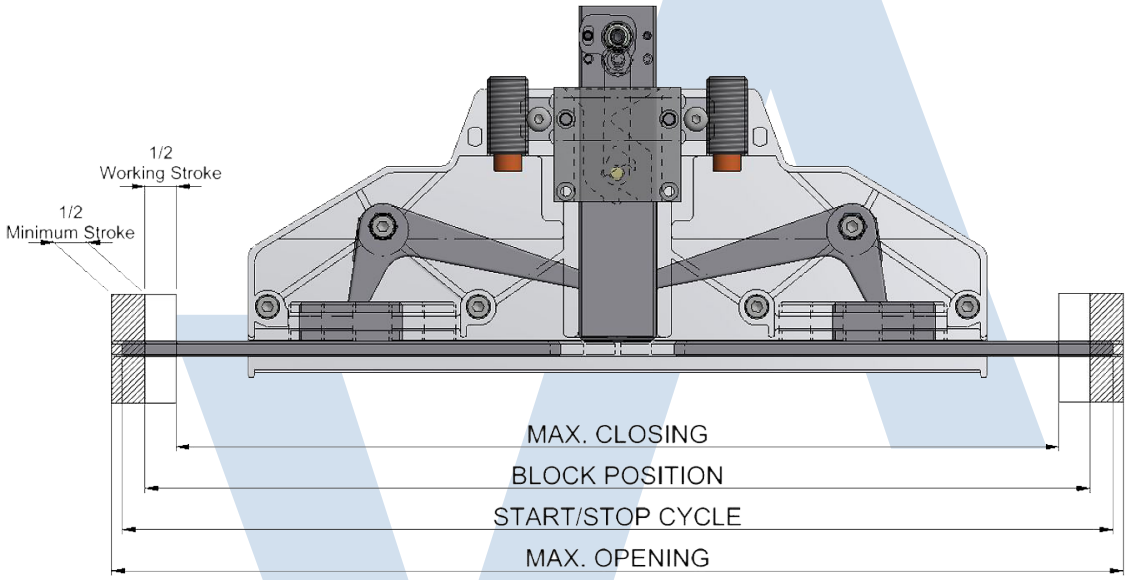
LIFTRONIC STANDARD ENDEFFECTORS - LINEAR PANTOGRAPH

3 available models:

Model	Plastic	Steel	Steel extra stroke
Capacity max. kg	100	150*	150*
Total stroke (D open/close) mm	50	54	91
Minimum stroke (D open/block) mm **	25	27	61
Useful grip stroke (D block/close) mm	25	27	40
Guides material	POM	Steel	Steel
Weight kg	4.2	6.7	6.7



- ** in function of the applied jaws and the product to be handled.*
- *** A stroke below the "minimum stroke", locks the jaws and preventing normal gripping cycle.*

Features:

- *Gripping of loads by friction or mechanical contrast*
- *Easy to mount on Easy or Vertical tool head*
- *Internal or external gripping*
- *Linear movement without rotations*
- *Adjustable clamp span*
- *Quick slides interchange*
- *Variety of tool fixtures*
- *Grippers fixed or adjustable*
- *Reduced dimensions us traditional pantograph chucks*

Due to continuos product improvement, these specifications may change without notice.
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LINEAR PANTOGRAPH

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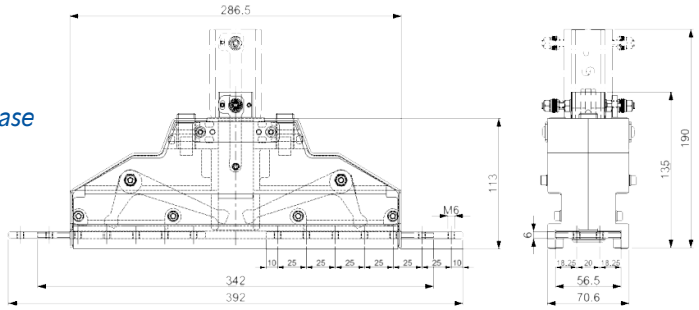
PLASTIC MODEL

Features:

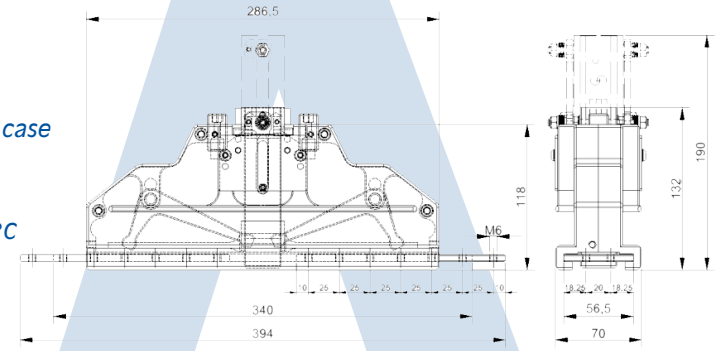
- *Max. load: *100kg*
- *Max load by friction: *80kg*
- *Max distance (Z axis) from gripping point in case of gripping by friction: 300mm*
- *Max load dimensions at max load conditions:500x500x500mm ****
- *Working temperature: min.–5°C max.+45°C*
- *Max. load temperature: 60°C*
- *Leverage ratio: i=2,15*



STEEL MODEL

Features:

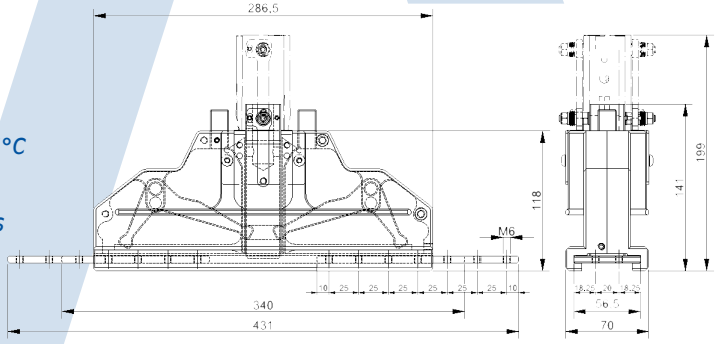
- *Max. load: *150kg*
- *Max load by friction: *80kg*
- *Max distance (Z axis) from gripping point in case*
- *of gripping by friction: 300mm*
- *Max load dimensions at max load*
- *conditions: 700x700x700 ****
- *Working temperature: min. –5°C max. +45°C*
- *Max. load temperature: 80°C*
- *Leverage ratio: i=2,15*



STEEL EXTRA STROKE MODEL

Features:

- *Max. load: *150kg*
- *Max load dimensions at max load*
- *conditions: 700x700x700 ****
- *Working temperature: min. –5°C max. +45°C*
- *Max. load temperature: 80°C*
- *Leverage ratio: i=1,65*
- *It can not be used with by friction grippers*



*** Indeva technical office can offer advice for bigger size loads in case of loads lower than max capacity*

N.B. design of grippers is done by Indeva technical office depending on load characteristics.

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