

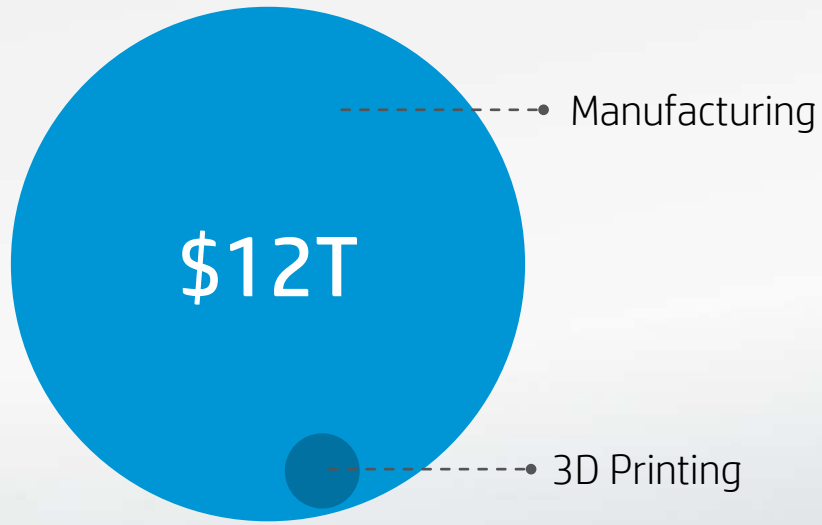


3D Printing y el futuro del Packaging

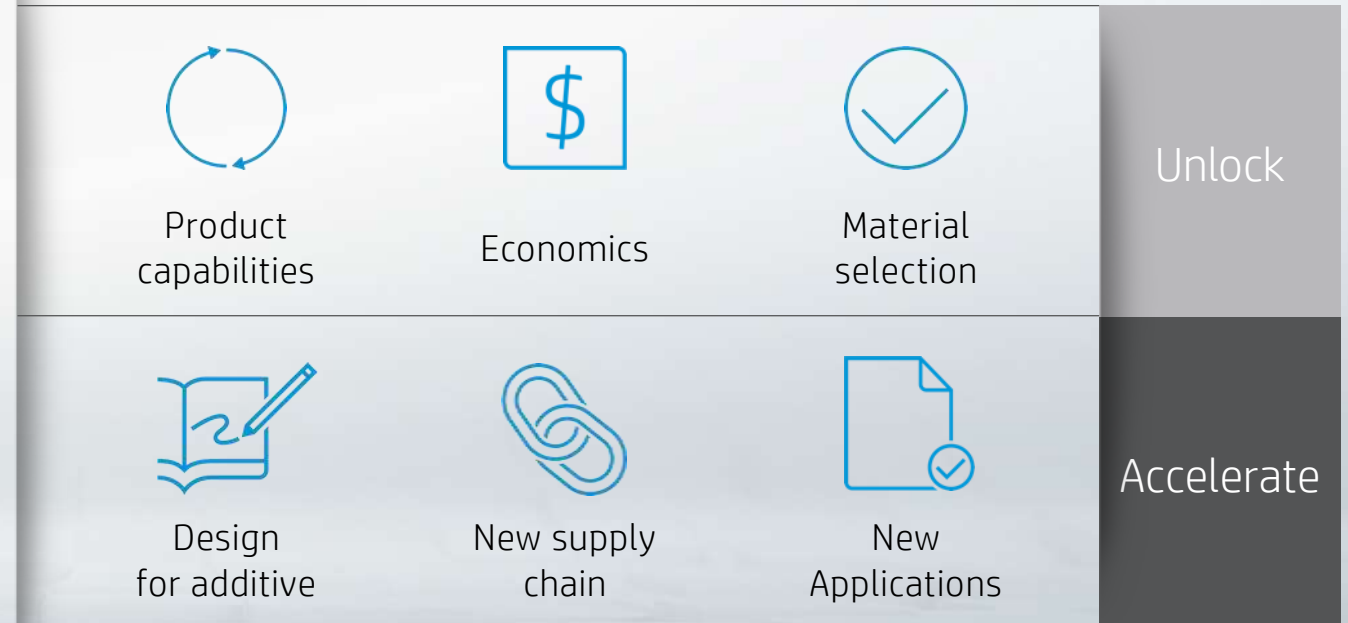
Xavier Llorens

EMEA Business Development and Application
Engineer Manager - HP 3DP

Six levers for disrupting the \$12T manufacturing sector



Manufacturing Sector offers great potential for 3D Printing



Robotic Arm Grip

Tooling application

DIMENSIONS

X: 10.6 in / 26.9 cm

Y: 3.22 in / 8.2 cm

Z: 3.94 in / 21.5 cm

MATERIAL

HP 3D High Reusability PA 12

POST PROCESSING

Bead Blasting

TOTAL COST PER PART

HP 3D MJF part: \$126

WEIGHT REDUCTION

CNC Machined part: 1830 g.

HP 3D MJF part: 237 g.

87% Overall weight reduction

DELIVERY TIME

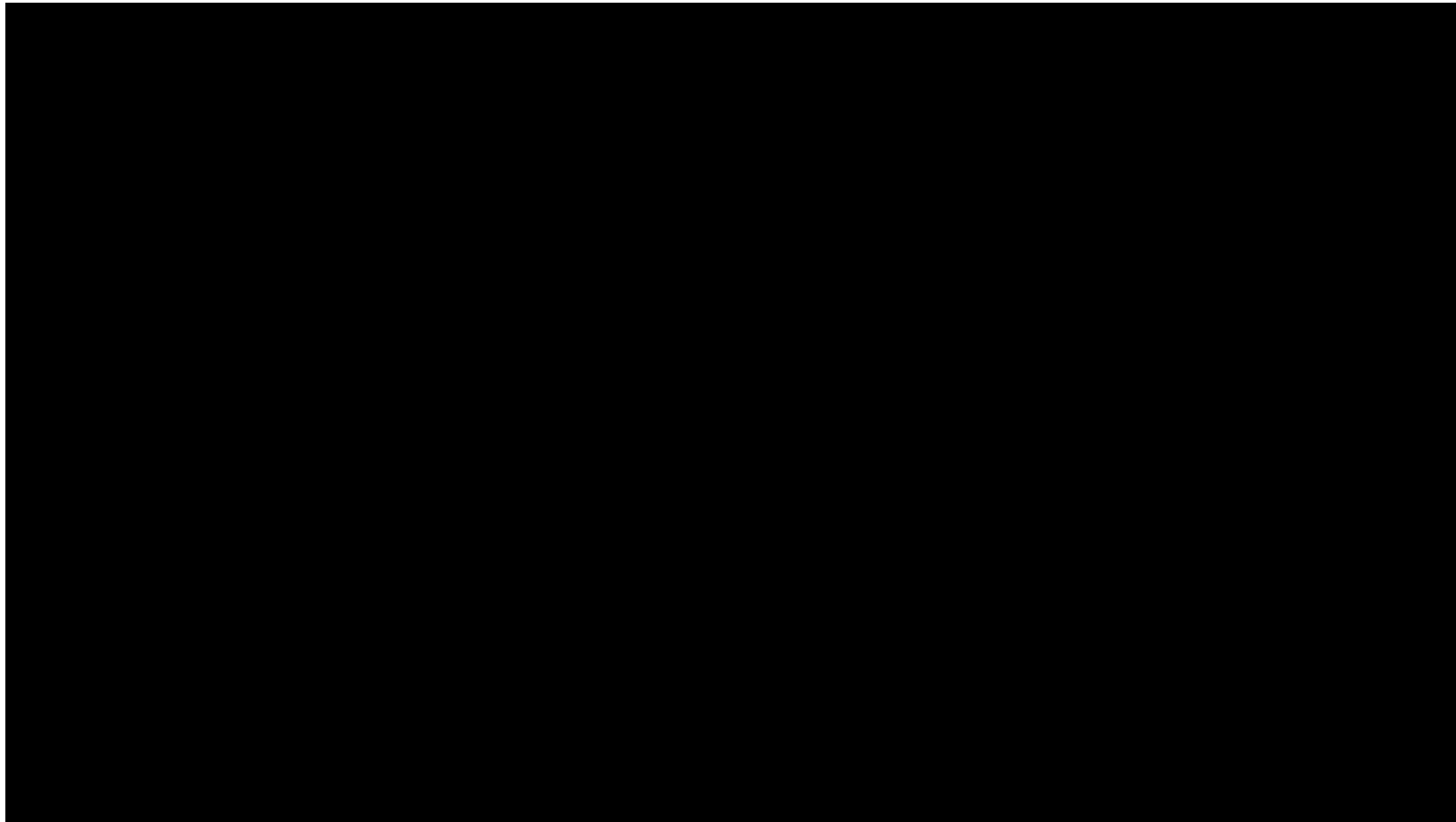
HP 3D MJF part: 24 h.



Data courtesy of IAM 3D HUB

Robotic Arm Grip

Tooling application



Pneumatic Grip

Prototyping Application

PART NAME

Pneumatic Grip

SIZES

X: 4.49 in / 11,4 cm

Y: 1.81 in / 4,60 cm

Z: 5.08 in / 12,9 cm

VOLUME

3.04 in³ / 49,8 cm³

WEIGHT

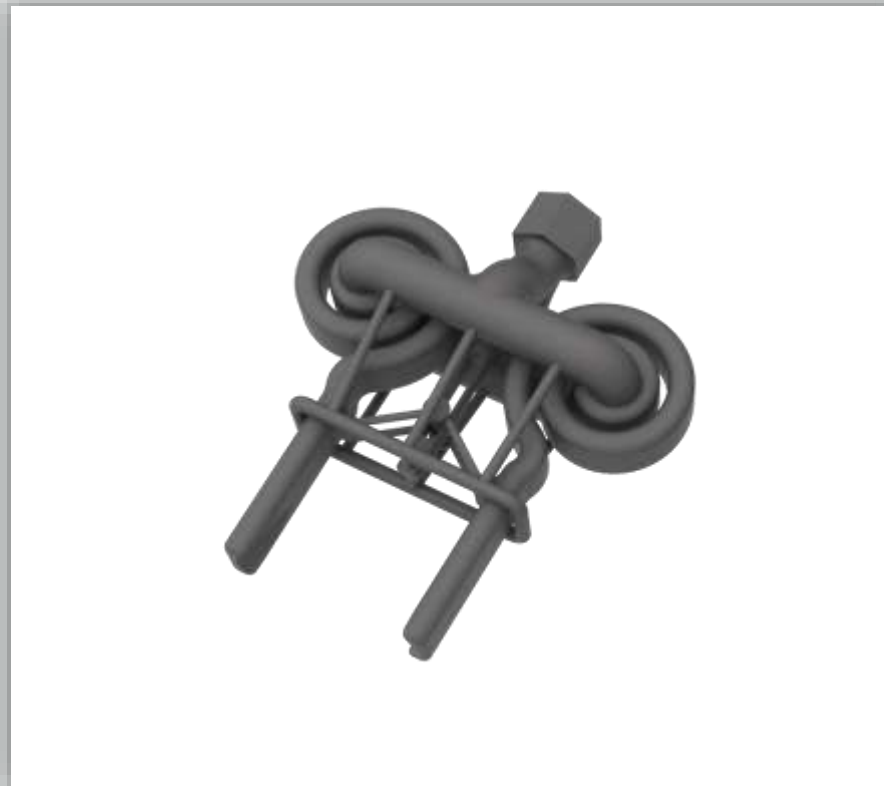
50,3 g.

MATERIAL

HP 3D HR PA 12

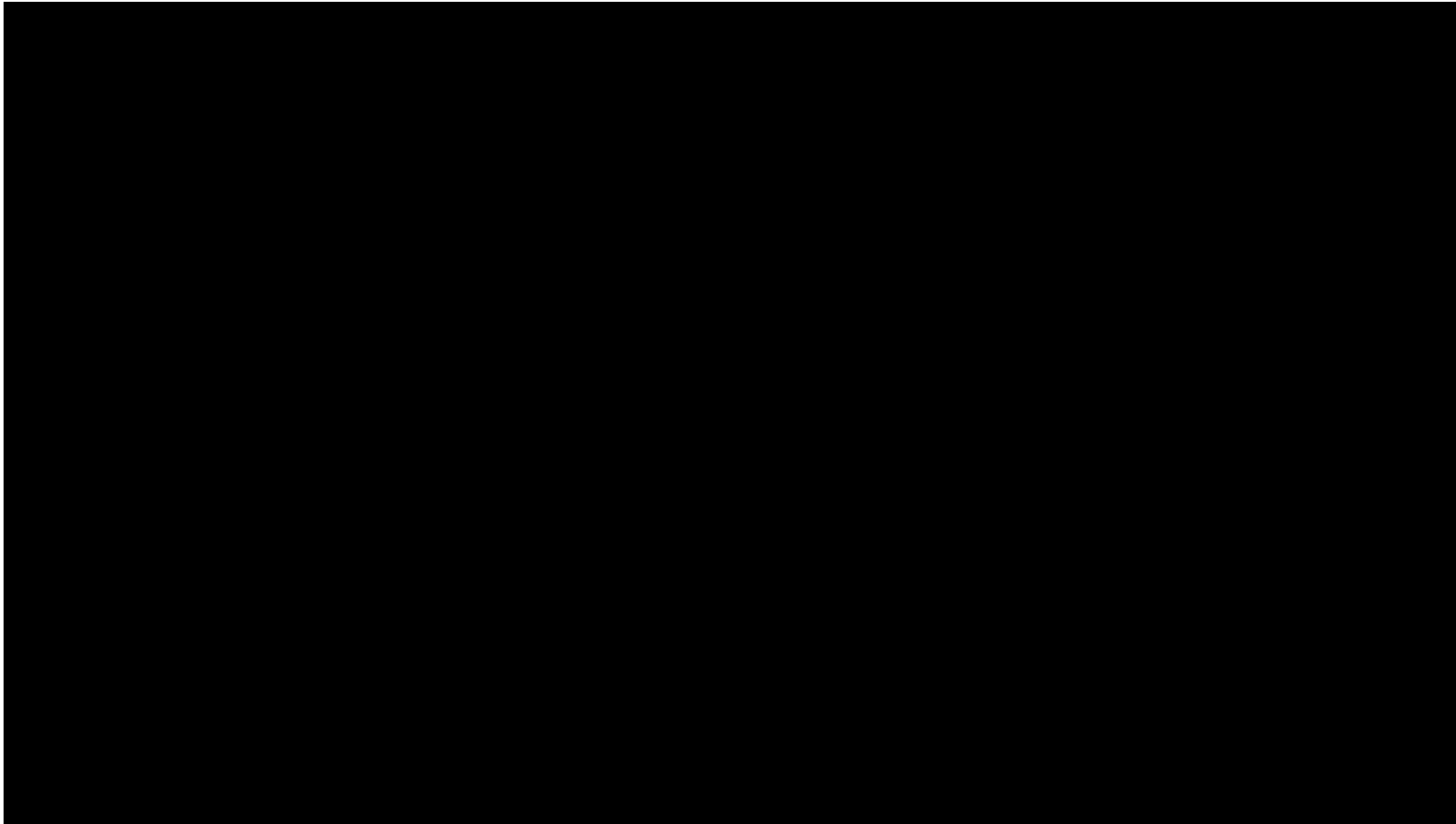
POST PROCESSING

Bead Blasting



Pneumatic Grip

Prototyping Application



Gripper

Tooling application

GINATIC

CUSTOMER

Manufacturer of pneumatic and electric grippers for industrial automation

BENEFIT

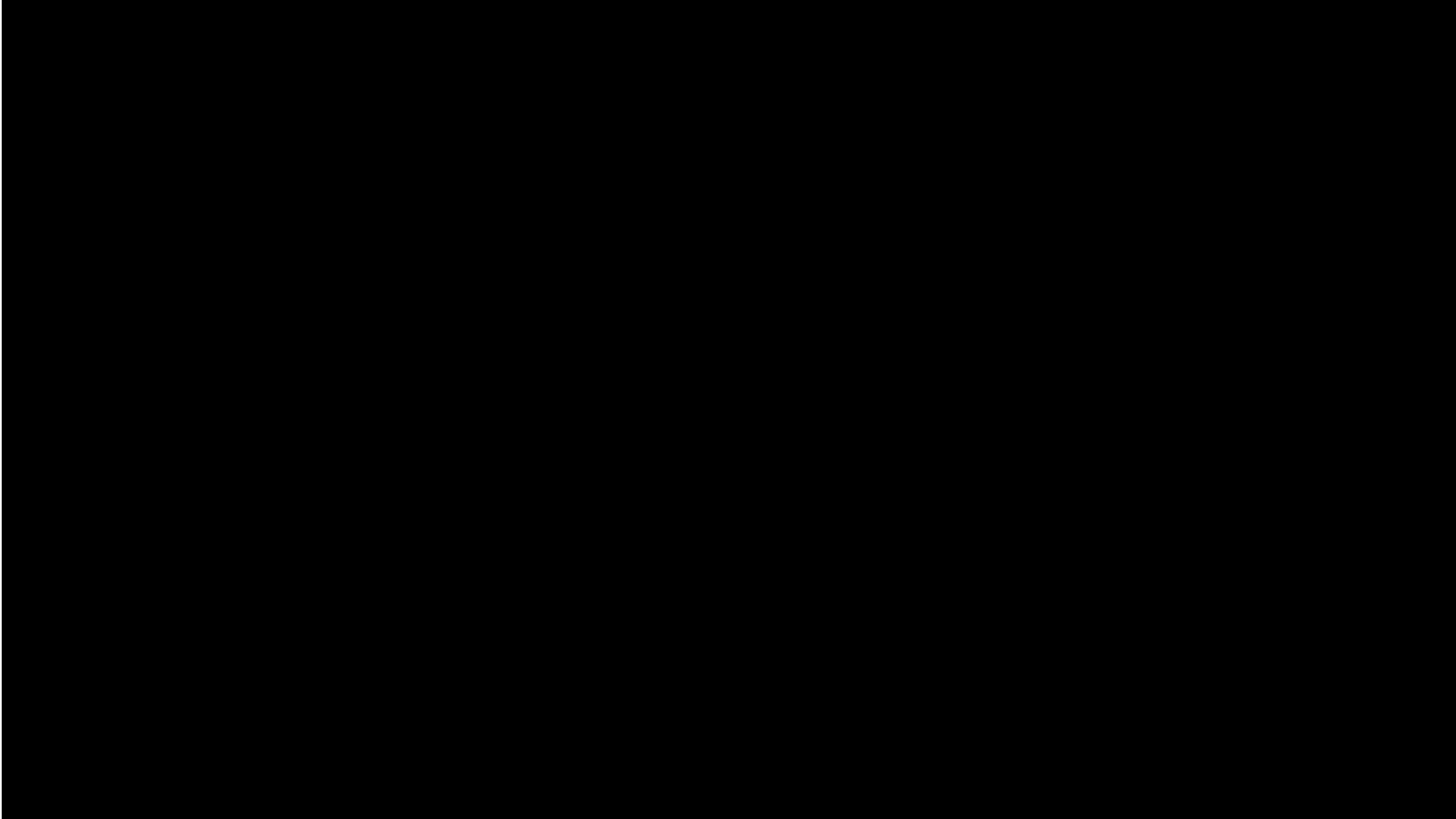
Customer satisfaction
Accelerated new product development/time-to-market



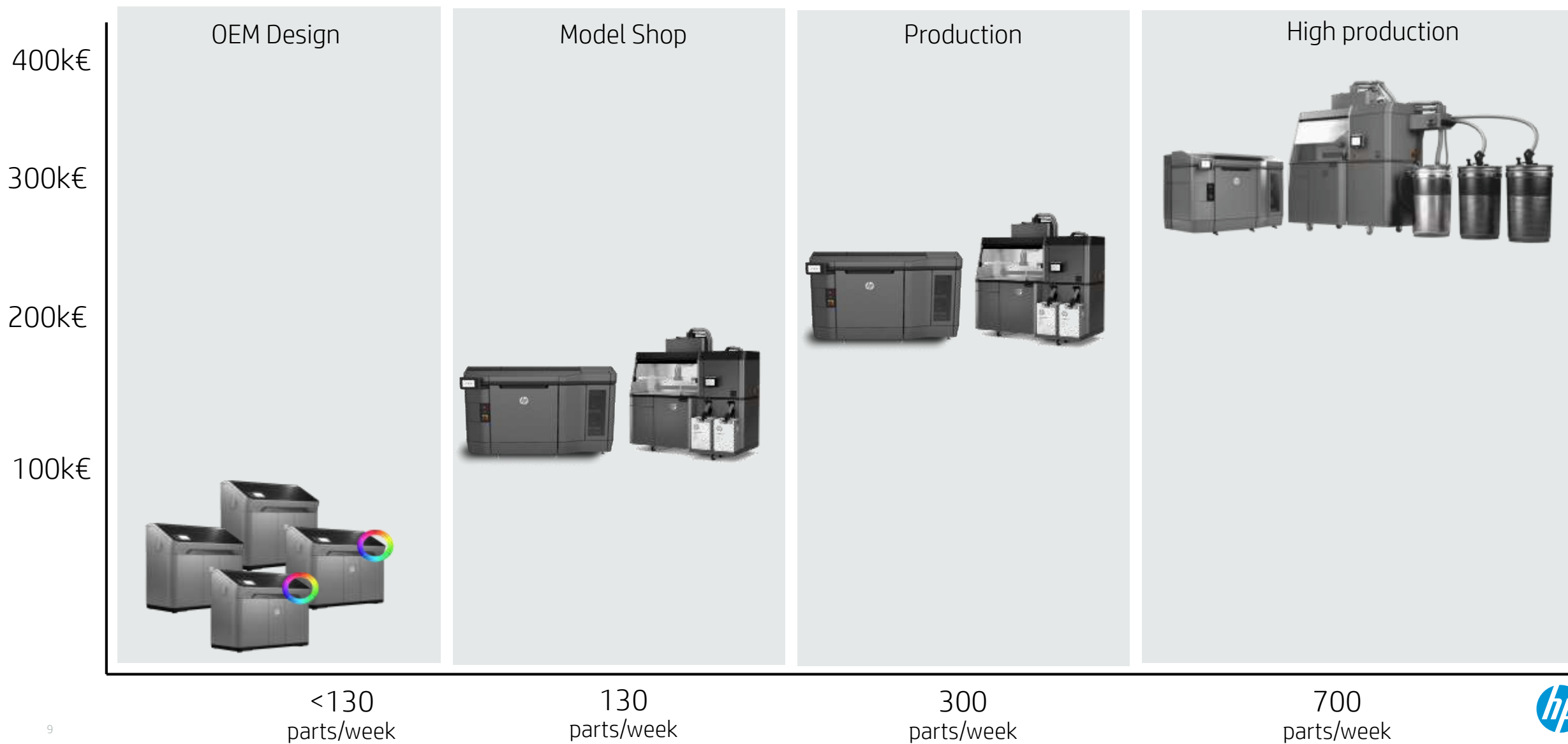
Gripper

Tooling application

grip



HP 3D Multi Jet Fusion Portfolio





keep reinventing

IMPRIME TU PIEZA GRATIS CON LA SOLUCIÓN DE IMPRESIÓN 3D HP JET FUSION!

Reserva tu pieza enviando un e-mail a **hp3diberia@hp.com**
Nos pondremos en contacto contigo muy pronto!

Contact us!

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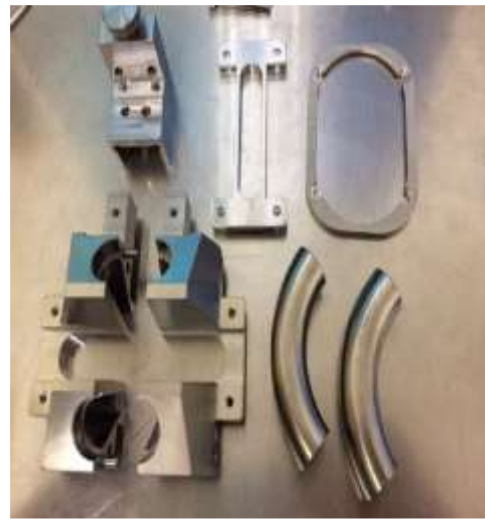
Thank you!



Combination of assemblies into a single part



Manuf. Technology:	Machining
Material:	Aluminium
Weight:	545g
Cost:	450\$
MOQ:	13
TAT:	3 - 5 days



Manuf. Technology:	3D - MJF
Material:	3D PA12
Weight:	45g
Cost:	18\$
MOQ:	1
TAT:	1 - 2 days

Insight: Saving in ongoing production cost / Lightweight and reduced carbon footprint