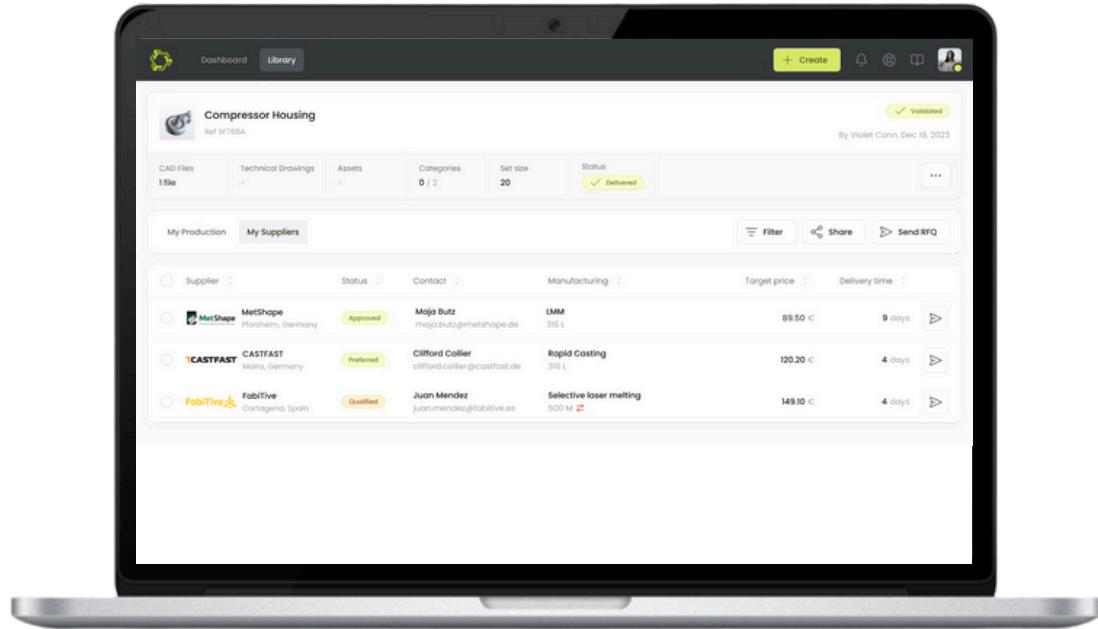# Make or Buy Support

Compare In-House Manufacturing Costs with Supplier Prices - In Seconds

Get a clear recommendation based on cost, lead time, and CO_2, with an audit trail your team can trust.

FEATURES

Side-by-Side Comparison
Internal cost model vs live supplier quotes, ranked by cost, lead time, or CO_2

Precise Internal Cost
Based on your production reality considering parameters like machine time, setup, labor, overhead, etc.

Supplier Context Built In
Pulls quotes from qualified and pre-approved suppliers via the supplier panel, including capacity, MOQ, and service levels

Scenario Testing
Change lot size, material, machine, shift pattern, surface finish to see break-even points instantly

Capacity Aware
Factor in internal lead time and overtime vs external lead times to avoid bottlenecks

Governed Decisions
Every decision is logged with inputs, assumptions, and reason codes for compliance

3D SPARK

WHY IT MATTERS

No Guesswork
Real internal cost vs real market quotes, not averages

Faster Sourcing
Reduce the email ping-pong and get first-time-right quotes

Better Capacity Use
Keep your machines for the right jobs and outsource the rest

Sustainability Included
See the CO_2 impact of each route before you order

WHAT YOU GET OUT OF THE BOX

Make or buy recommendations - cost, lead time, CO_2, and rationale

Break-even curves - lot-size based switch points per production technology

Supplier spread - clear response time, price range, and win rates

Decision log - exportable PDF or spreadsheet for audits and sign-off

KEY BENEFITS FOR PROCUREMENT

Cost Efficiency
Reduce procurement costs by leveraging market insights and optimising supplier selection

Efficient Sourcing
Automate RFQ generation, cut manual tasks, and accelerate procurement timelines

Competitive Edge
Dynamic pricing models ensure RFQs align with current market conditions

Faster Make or Buy Decision Making
Procurement teams access indicative prices and capacity estimates instantly for smarter decisions

Reduced Reliance on RFQ for Data
Use supplier data to minimise the need for multiple RFQs to gather market intelligence

Qualified Supplier Access
OEMs can view a curated list of trusted suppliers with the right capabilities

Better Supplier Relationships
Send fewer but more qualified RFQs, strengthening relationships and improving efficiency

Alstom saved over €15M; reduced lead times by thousands of months; empowered early phases with 20,000 days of savings

OEMs Save Millions in Parts Procurement
Production With the Help of 3D Spark

"My mission is to ease the adoption of 3D printing at Alstom, and that's exactly what 3D Spark is helping us to do. We plan to triple the number of parts analyzed by the end of 2023, targeting cost savings of more than €5 million."

Aurelien Fussel, 3D Printing Program Manager

ALSTOM

86%	20%	€4.5 Mio	63k days
Reduced effort in purchasing	Reduction of purchase prices	Cost Savings	Leadtime Savings

Ready to see how your production decisions could look with full transparency?
Explore 3D Spark's platform for real-time manufacturability, cost, and sustainability insights.