



PHERKARD TECH'S TVI® PIPELINE LINE

THE PREMIUM DRYING SOLUTION FOR MID-TO-LARGE SCALE FOOD & NUTRACEUTICAL COMPANIES

WHY INVEST

- **True economies of scale:** continuous throughput of **1,000 → 3,000 kg/h** of fresh produce, avg. yield 12%
- **Competitive CAPEX:** from **€0.9M (1 t/h)** to **€2.0M (3 t/h)** for the plant + essential utilities
- **Strong margins**, even at a conservative product price (€14/kg): **EBITDA €1.23 → €3.98M/year**
- **Fully automated line** (CIP, SCADA, PAT) operated by **just one person per shift**

ECONOMICS AT A GLANCE (5 DAYS/WEEK · 16 HRS/DAY)

Indicator	Input 1 t/h	Input 3 t/h
CAPEX (machine + utilities)	€0.9M	€2.0M
Dry product output/year	500 t	1,500 t
Revenues (@ €14/kg)	€7.0M	€21.0M
Total OPEX	€5.77M	€17.02M
EBITDA	€1.23M	€3.98M
Net cash flow (28% tax)	€0.89M	€2.87M
Payback	< 2 years	< 2 years
IRR (5-year horizon)	46%	54%

OPERATIONAL ADVANTAGES

- **High throughput** — ideal for facilities processing **>10 tons/day** of raw material
- **Automation & traceability** — FDA-compliant batch records, in-line sensors
- **100% water recovery** — reusable in-plant
- **Modular scalability**
- **Fast in-line maintenance**

IDEAL CUSTOMER PROFILE

- Companies with **>€30M turnover** seeking to internalize **high-volume clean-label ingredients**
- **Industrial co-packers** in sports nutrition, baby food, or functional beverages
- **Agri-food groups** managing seasonal surplus (e.g., tomato, citrus)

DEHYDRATED FOOD MARKET OUTLOOK (2025–2032)

- **Market Size (2025):** USD 78.8 Billion
- **Forecast (2032):** USD 107.5 Billion
- **CAGR:** 4.5%

Demand is driven by clean-label trends, longer shelf life, and sustainable processing — exactly where **TVI® technology** excels.

CONTACTS

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Assumptions – Yield: 12%, raw material cost: €0.95/kg, energy cost: €0.25/kWh, other OPEX proportional. (Cost reference: Italy)