

U.B.Tech.GmbH The System Supplier

**Pure Economy-
We show the way to save energy**



Cost savings of up to 100,000 Euros per annum is possible.

Economy has brought us on the track to dramatically save energy and this has also been well implemented. The savings are of about 80% from the heating power of our die head.

The new Vis-Co® series distinguishes itself in the Energy sector, weight, production and optimal positioning of the flow channels.

To give a concrete example, we will assume a die size with $\varnothing 300\text{mm}$ in 3-wall layer and Standard design 25/50/25%.

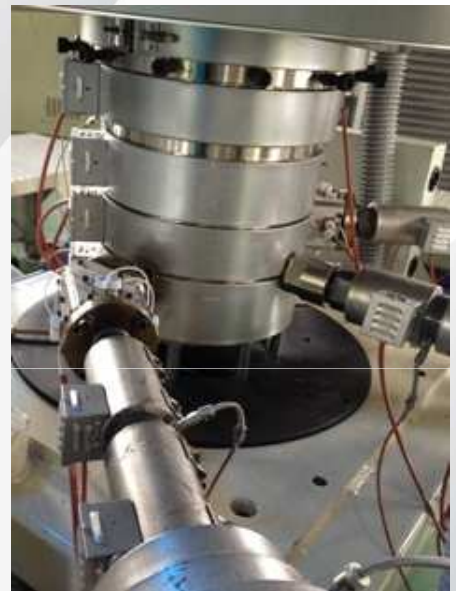
Power of emission: no reduction, stays the same
Compared to the commercial manufacturers

The potential savings in heating:

Commercial die heads have about 70-75kW/h heating capacity.

Our Vis-Co® series D3 are in the range of about 10-15kW/h.
The savings can be easily calculated.

The result : you save up to 100,000 Euros per year compared to a commercially available die head in energy costs!



Predecessor die head
 $\varnothing 300\text{mm}$ nozzle
Heating 70-75 kW/h
Steel Weight 2.3 to

U.B.Tech.GmbH
An der Autobahn 7
26215 Wiefelstede
Tel.: ++49 (0) 441 – 3509936
Fax.: ++49 (0) 441 – 5600782
Internet: www.ubtech.eu
Email: info@ubtech.eu



Due to this improved technology the weight of steel could be reduced by 60% which also remarkably decreases the manufacturing costs.

Through these above-mentioned properties and the optimal design of the flow channels, we are able limit the die head height to max 1m. This is why in the near future we can dispense of pedestals / panels, the access of die head outlet was made possible without a ladder.

With this new type of die head Vis-Co® series we breakthrough the existing barrier of developing die heads for extrusion.

From 2-layer up to the 7-layer system. The so-called amortization works already within one year and the competitiveness of our customers is getting higher with the same staff.

Already construction times were kept short, so much so that the turnover times and waste were reduced.



New die head \varnothing 300mm die size
Heating 10-15 kWh
Steel Weight approx 0,43to

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