

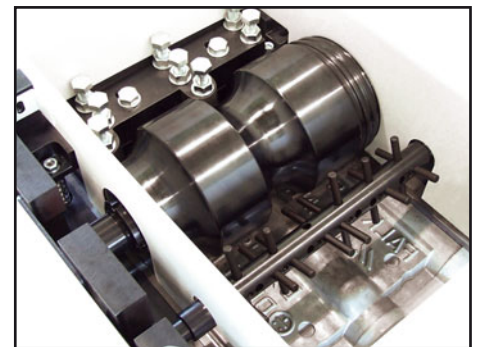


# DPM

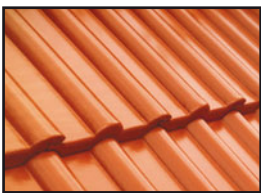
Concrete Roof Tile Production Machine



DPM 8



## Optimum Roof Tile Quality for maximum client success



Excellent, high quality roof tiles can only come from concrete roof tile production machines of the highest craftsmanship. And excellent craftsmanship is what Rank Roofing is all about. By offering you the best production machines on the market, Rank Roofing are actively contributing to your success. ***And your success is what drives our innovation!*** Our roof tile machine range extends from a manually operated single stroke machine on up to a fully automated high speed machine and all our machines are custom fitted to meet exactly your needs.

*„We set only the highest quality standards  
on our products and services“*

Product range for concrete roof tile production machines:

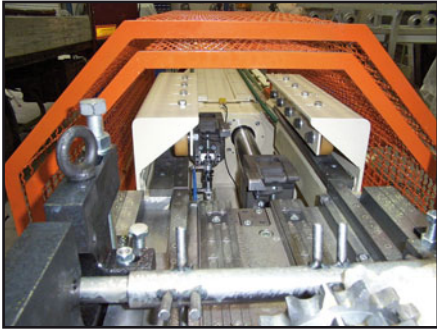
- DPM 8 - 6 to 8 roof tiles per minute (hydraulic drive)
- DPM 14 - 12 to 14 roof tiles per minute (hydraulic drive)
- DPM 40 - 20 to 40 roof tiles per minute (cam drive)
- DPM 60 - 40 to 60 roof tiles per minute (cam drive)
- DPM 140 - 120 to 140 roof tiles per minute (cam drive)



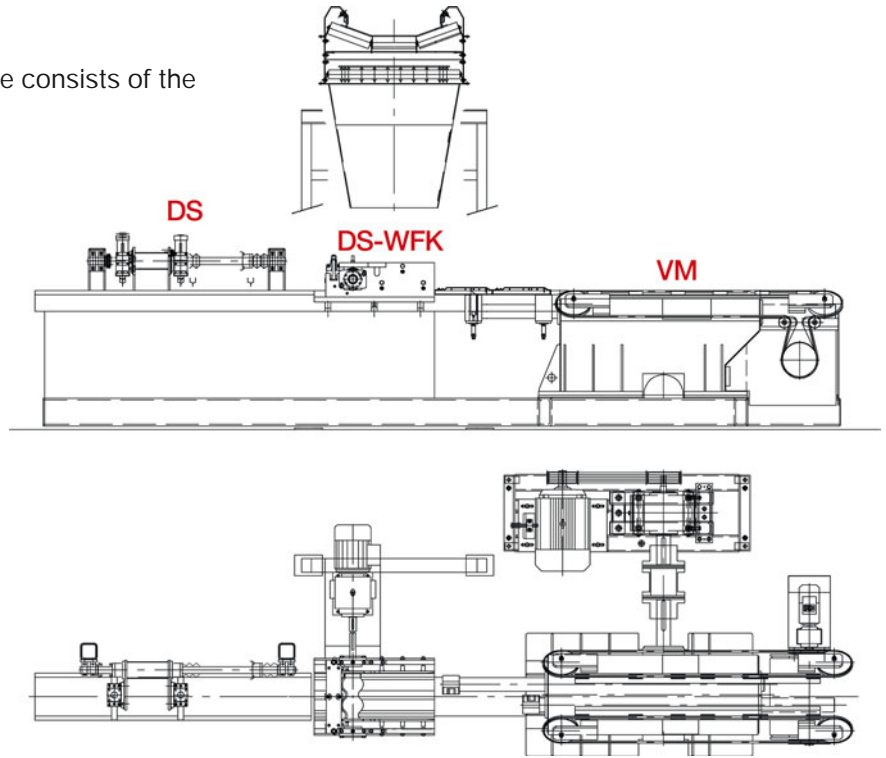
# Concrete Roof Tile Production Machine DPM

The concrete roof tile production machine consists of the following singular components:

- Propulsion Machine VM
- Roof Tile Extrusion Box DS-WFK
- Roof Tile Cutting Station DS



Push rods fitted with „fingers“ push the pallets forward.



Our concrete roof tile production machines are designed to perform under very high extrusion pressure. A special feature of our production machine is the cam driven propulsion unit - VM.

*The cam drive is our drive of choice because it demonstrates superior performance and low maintenance:*

- The aluminium pallets are pushed into the extrusion box by push rods, which are fitted with pneumatically controlled „fingers“ and whose movement is driven by the cam.
- The propulsion unit is completely encapsulated and runs in an oil bath.
- The machine is characterized by its quiet running, extreme durability, maintainability and low wear.

*In comparison, the chain drive shows considerable disadvantages:*

- After a certain amount of production time, the chain elongates and has to be exchanged.
- The elongation of the chain affects the cut length of the roof tile and respectively the cutting accuracy.
- Because of the polygon effect on the chain sprockets, the continuous feed of the column tends to pulse.
- The amount of maintenance is far greater (cleaning, lubricating and re-tensioning of the chain as well as constant cutting blade adjustment)



*In the roof tile extrusion box DS-WFK, the roof tiles are formed. Our extrusion box is designed for extremely high pressures.*

*With the roof tile cutting station DS, the roof tiles are cut to roof tile length. The cutting blades are designed with radii, which form the frontal rounded edge of the roof tile.*



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