



VVD Pre-Twister

Expertise, Customer Driven, Service – in Good Hands with NIEHOFF



VVD

Design:

- stranding of cable cores with 3 or more films via a double-twist stranding machine
- infinitely variable speed

Increase in quality:

- optimization of layer stranding 1+6 via doubletwist stranding machine

Increase in productivity:

- optimization (checking) of film tension
- infinitely variable speed

Energy and cost efficiency:

- cost-effective production of high-quality cable products

Technical data					
type		VVD 180	VVD 250	VVD 400	VVD 500
twist direction		S or Z twist	S or Z twist	S or Z twist	S or Z twist
application area/material		bundle insulating material PVC, PE, PP, PA, foam-skin, skin-foam-skin, silicone, film jacket, insulated wires, pairs, quads, stranded products with more than two 2 tapes and cable cores with 5 or 7-conductor layout			
solid conductors:		AWG 30 ... AWG 20	AWG 26 ... AWG 15	AWG 26 ... AWG 8	AWG 5...300 MCM
flexible conductors:		AWG 26 ... AWG 15	AWG 23 ... AWG 10		AWG 5...300 MCM
max. stranding cross-section	mm ²	13	30	95	240
max. stranding dia.	mm	10	15	25	30
deflection pulley dia	mm	180	250	400	500
max. rotor speed	rpm	4,000	3,200	1,200	1.200
input rating (AC servo motor)	kW	13.2	13.2	13.2	13,2
machine dimensions (W x D x H)	m	1.55 x 1.00 x 1.50	1.40 x 0.95 x 1.50	2.05 x 1.55 x 1.67	2,25 x 1,55 x 1,80
weight	kg	approx. 650	approx. 750	approx. 1,500	ca. 2.000

We reserve the right to modify technical specifications according to technical improvement and advances. 05.2022