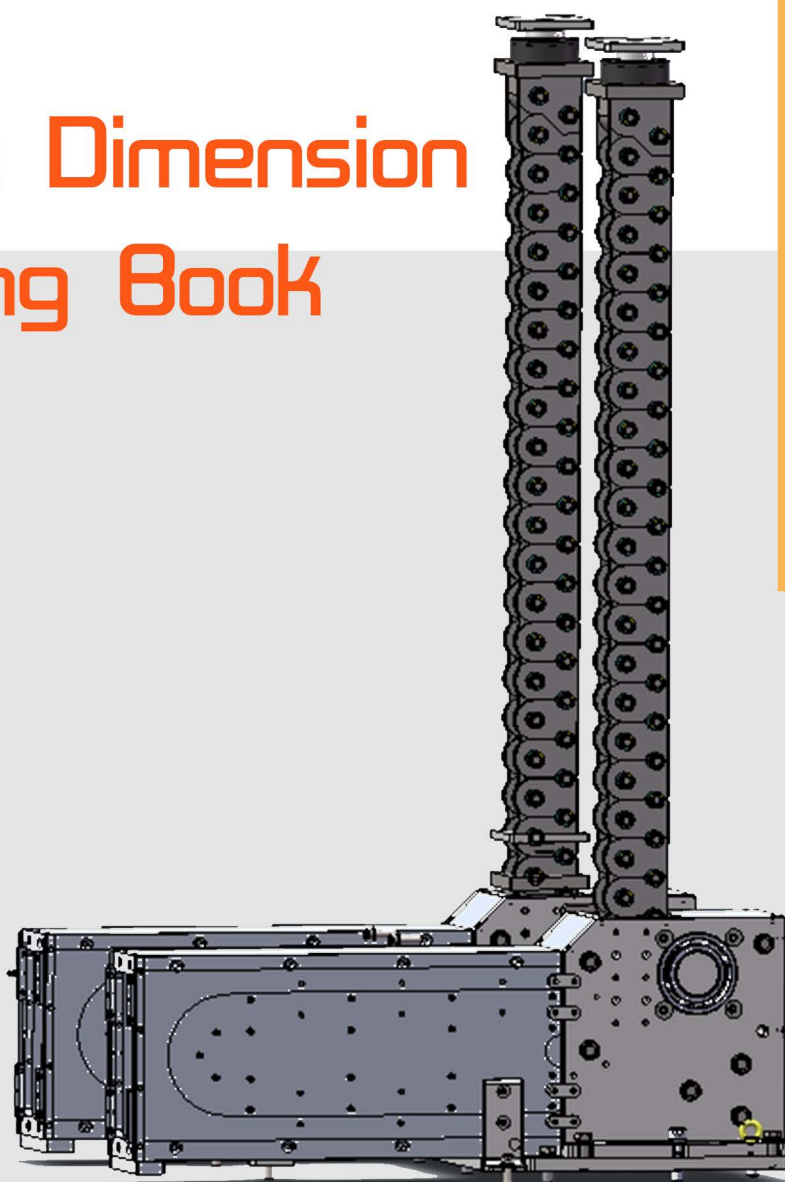
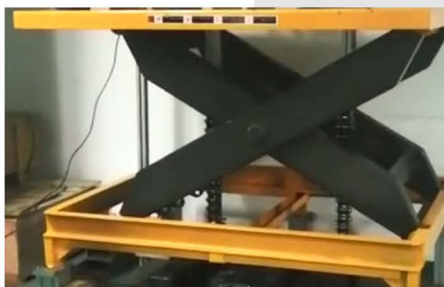


VT Chain Dimension Drawing Book



INDUSTRY

LINK-MINT is a world leader in Rigid Chain Technology (RTC) and offers high-performance solutions through a broad range of mechanical jacks that meet all horizontal transfer and load-raising requirements, whatever the field of activity. It is an efficient, controlled and clean alternative to hydraulic technology.

High-performance products to meet every application regarding specific environments

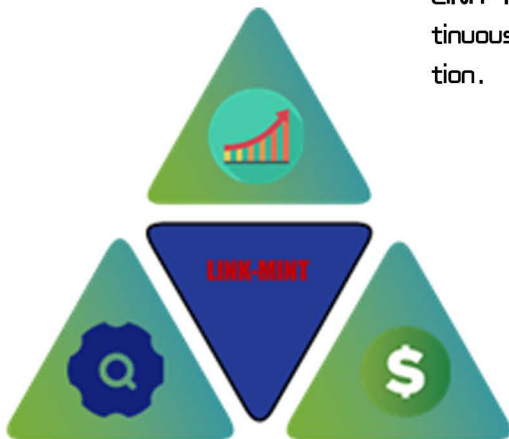
Elevators, scissor lift, platform lifting, container transfer, roof opening and bay windows, oven loading, palletizing of gas cylinders, telescopic mast, tool pusher, self-propelled trolley and rail trolley with integrated pusher are just a few examples of LINK-MINT applications.

Mainly automotive, nuclear, aeronautics, iron and steel, food, building, military, aerospace, thermal, chemical, petrochemical, medical.

LINK-MINT is Industrial Mobility Designer around YOU

LINK-MINT mission is to exceed the expectations of their customers by providing: PERFORMANCE, OPTIMISED COST and QUALITY in LINK-MINT service.

LINK-MINT relies on its well qualified and motivated staff to provide continuous improvement and innovation in order to ensure customer satisfaction.



PERFORMANCE



100%

QUALITY

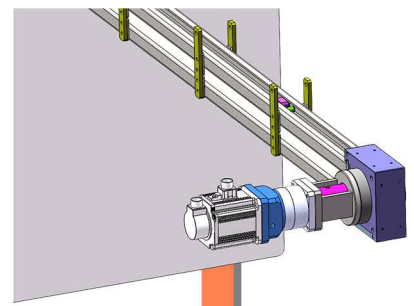
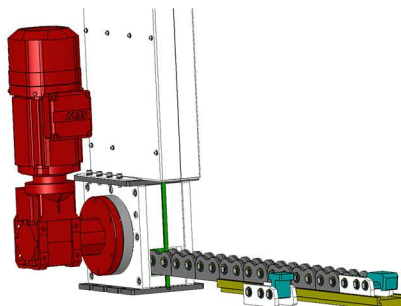
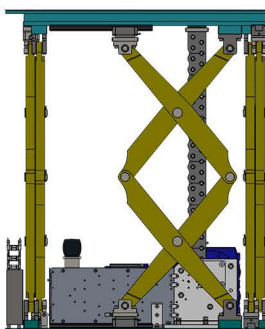


100%

OPTIMISED COST



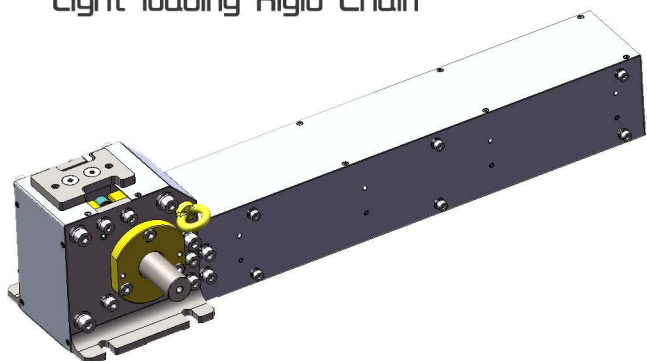
100%



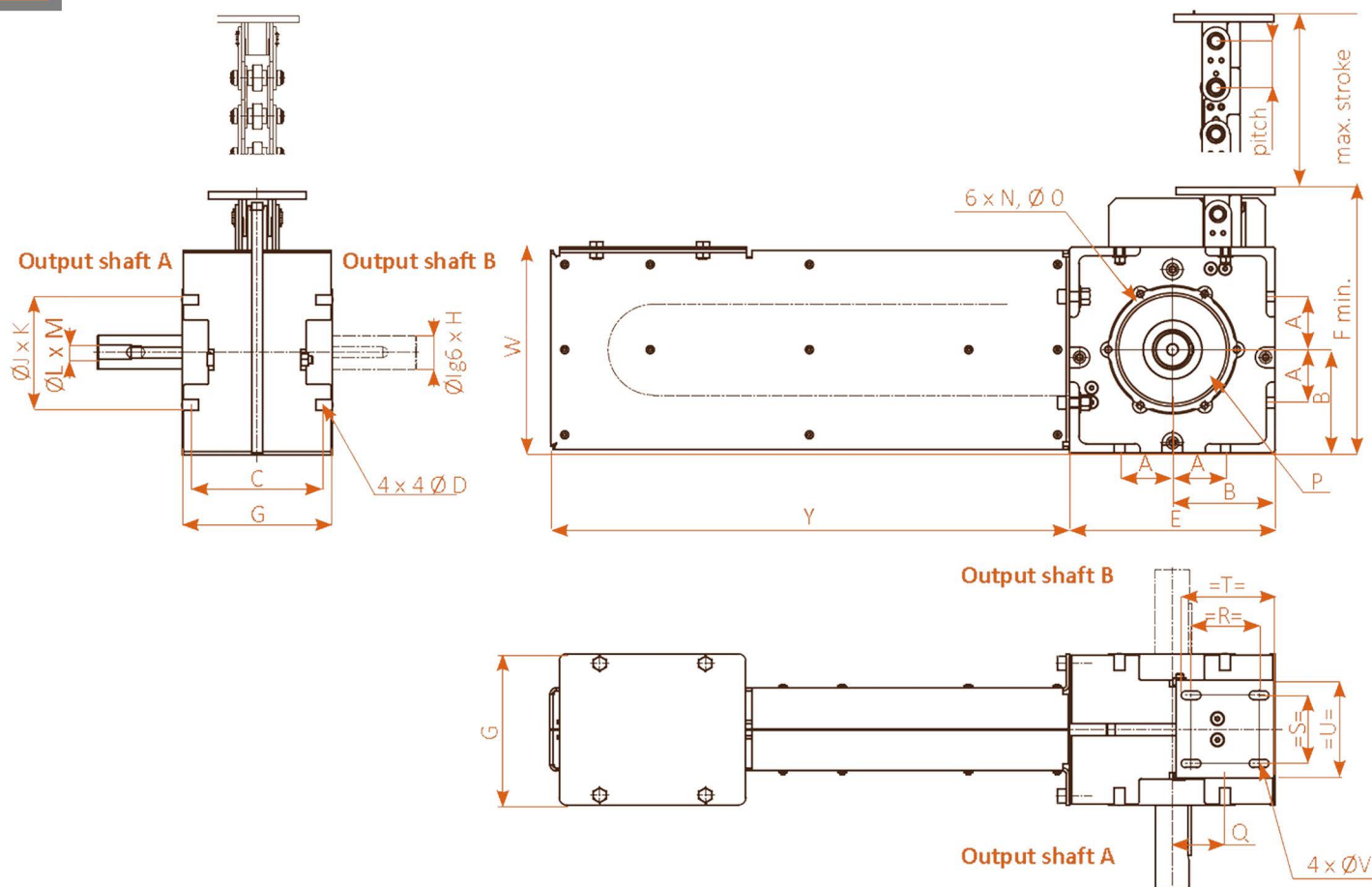


VT-L Chain

Light loading Rigid Chain

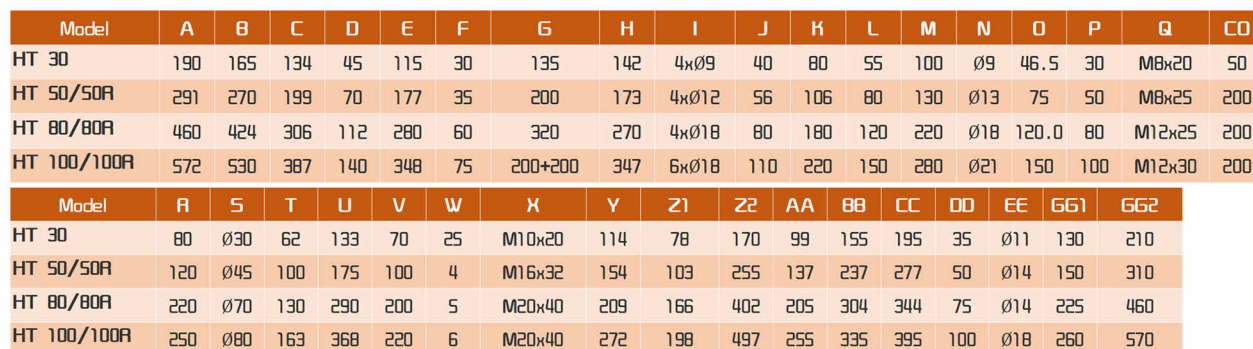


VT-L Chain (standard model range)		
	VT-L 40	VT-L 60
stat capacity (kN)	7,5	20
max. stroke (m)	1	2
max. speed (mm/s)	200	200
pitch of link (mm)	40	60
primitive radius (mm)	40	60
weight of chain (kg/m)*	8.58	16.83
weight of drive housing (kg)*	18,2	39,7
weight of double-return magazine (kg/m)*	11,7	17,2

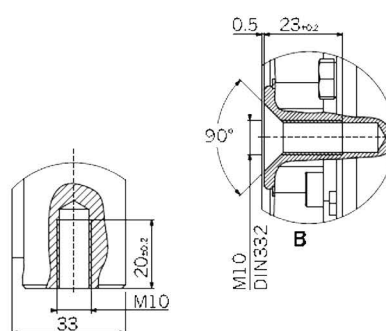
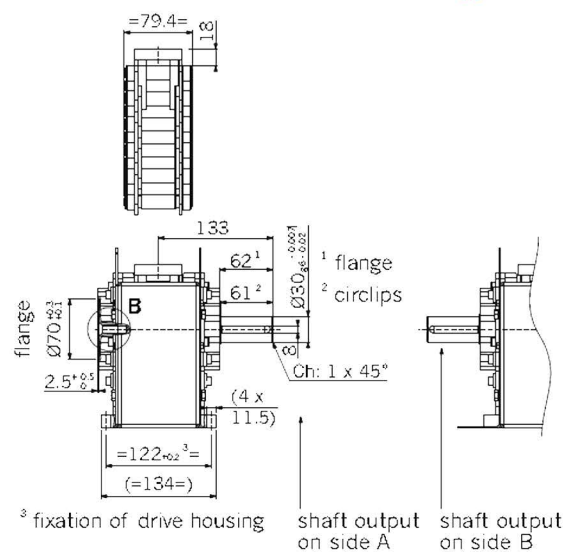


Model	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W
ChainLift 40	60	101	140	10	202	255	168	59	25	110	5	M10	20	M8	130	R40	49	70	70	100	100	10	198
ChainLift 60	70	136	170	14	272	350	200	95	45	150	6	M16	32	M10	170	R60	70	90	90	130	130	11	271

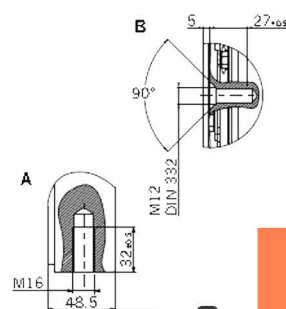
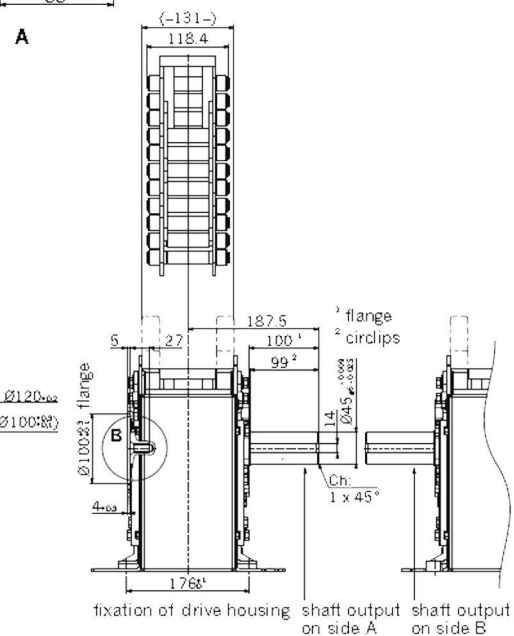
VT Chain with 1 single-return magazine



primitive radius: R30



primitive radius: 47.75



Technical drawing showing a shaft assembly. The top view is a plan view of the shaft with multiple steps or changes in diameter. The bottom view shows two side views of the shaft. The left side view is labeled "shaft output on side A" and shows a shaft with a diameter of $\varnothing 60_{-0.015}^{+0.010}$ and a length of 18. The right side view is labeled "shaft output on side B" and shows a shaft with a diameter of $\varnothing 60_{-0.015}^{+0.010}$ and a length of 18. The shaft is connected to a component labeled "Ch: 1 x 45°". A dimension line indicates a distance of 18 between the two shaft outputs. A circular detail "D" is shown on the left side of the shaft output on side A.

Technical drawing of the drive housing assembly, showing front and side views with dimensions and labels.

Front View Dimensions:

- Overall width: 118.4
- Overall height: 131
- Distance from centerline to side flange: 5
- Distance from centerline to side flange: 27
- Distance from centerline to side flange: 187.5
- Distance from centerline to side flange: 100
- Distance from centerline to side flange: 99
- Distance from centerline to side flange: 14
- Distance from centerline to side flange: 176

Side View Dimensions:

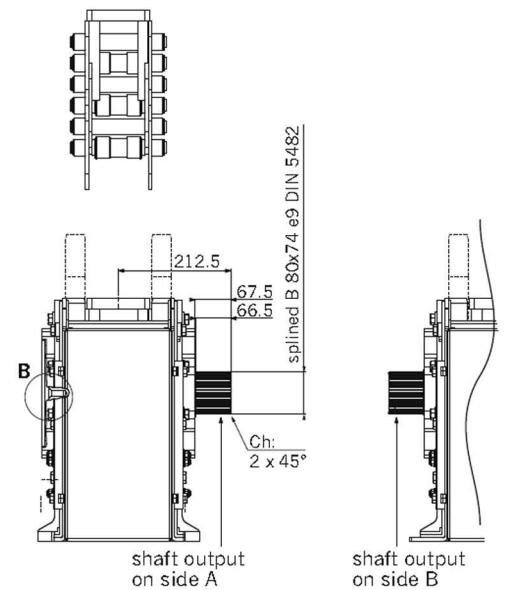
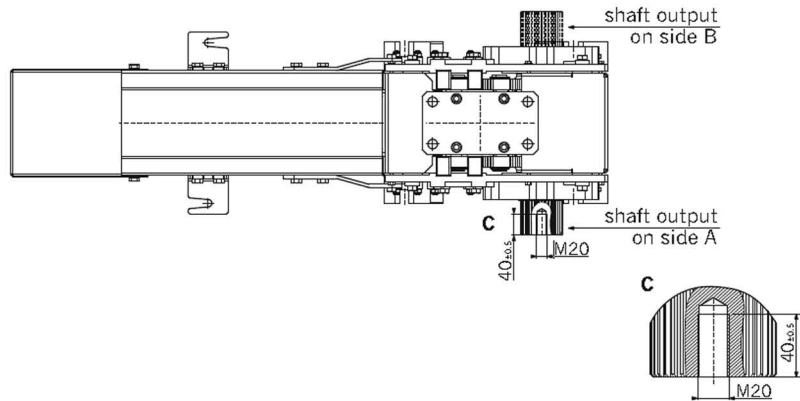
- Distance from centerline to side flange: 14
- Distance from centerline to side flange: 100
- Distance from centerline to side flange: 99
- Distance from centerline to side flange: 14
- Distance from centerline to side flange: 176

Labels and Notes:

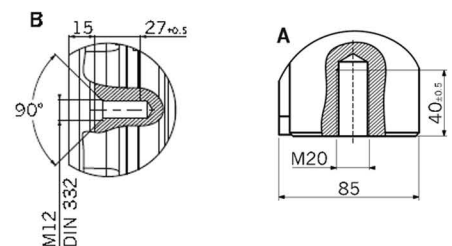
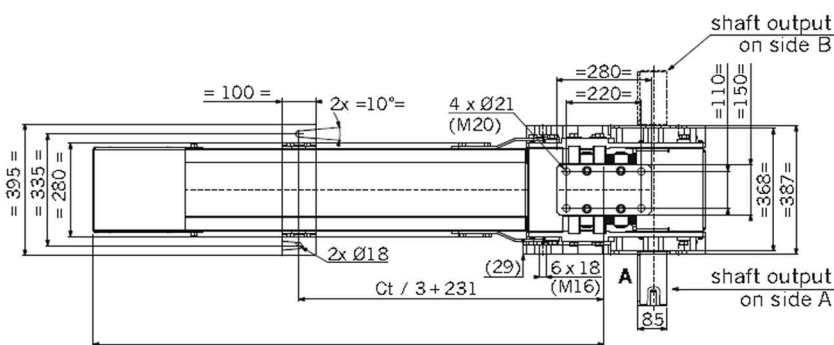
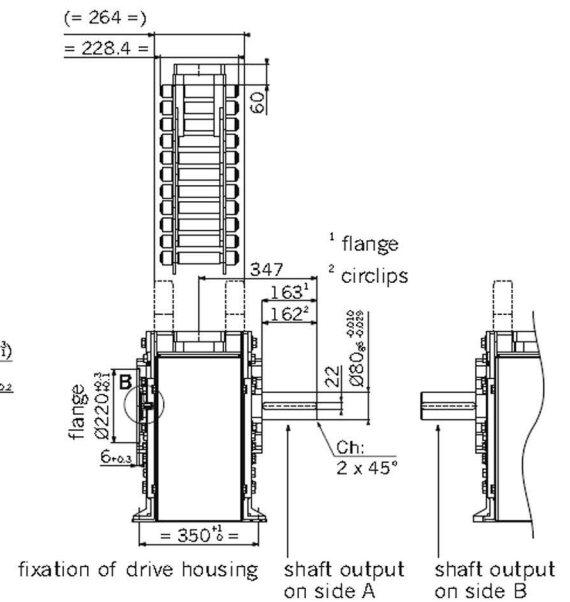
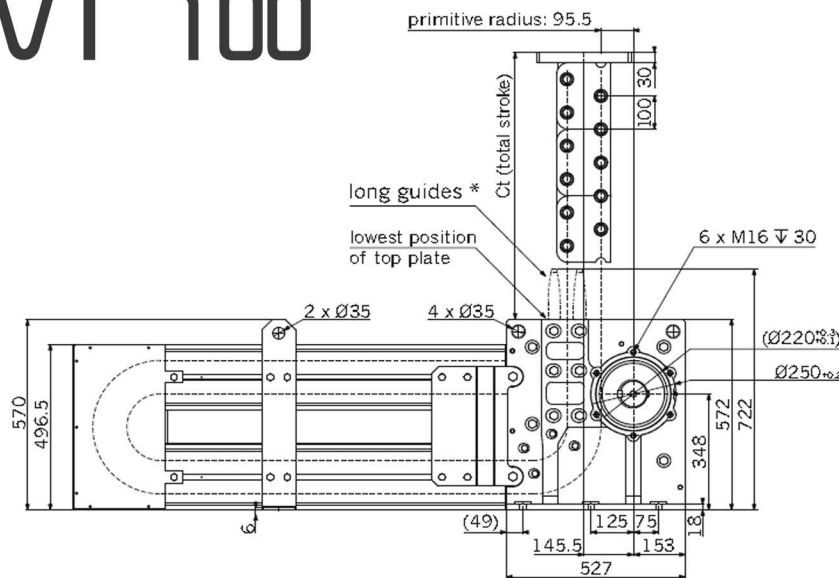
- flange
- 2 circlips
- Ch: 1 x 45°
- fixation of drive housing
- shaft output on side A
- shaft output on side B



VT 80R

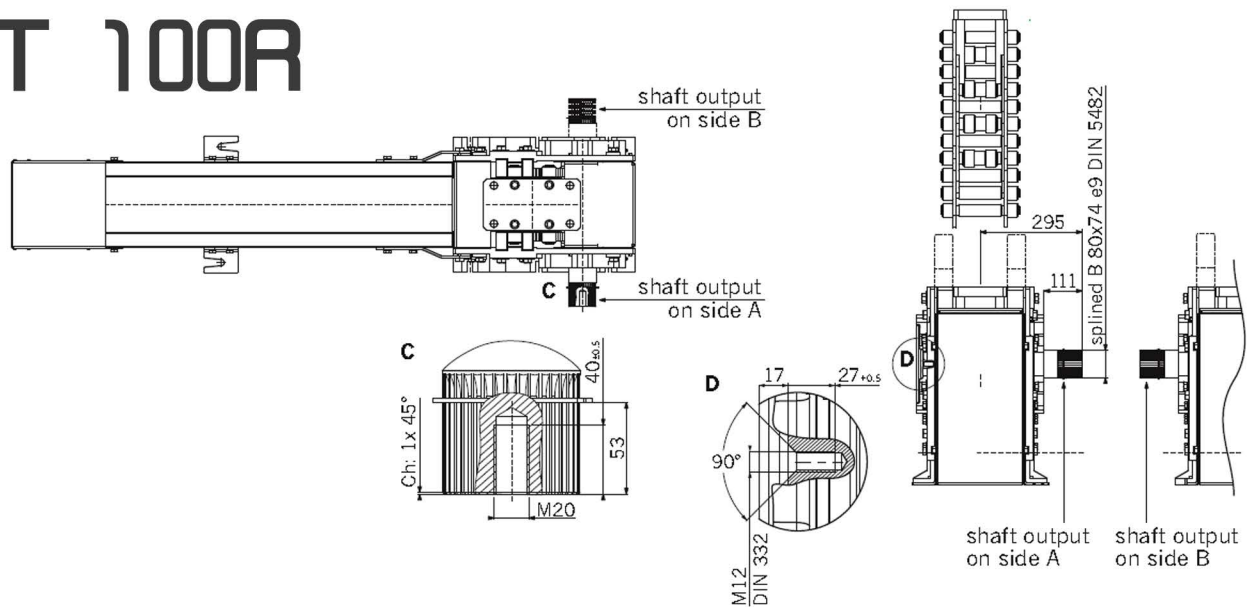


VT 100





VT 100R



VT Chain Performance

Model	VT 30	VT 50	VT 50R	VT 80	VT 80R	VT 100	VT 100R
Static capacity per lifting column							
max. load (kN) : stroke limit (m)	20 : 1.9	50 : 2	70 : 1	100 : 3.5	125 : 2	130 : 6	200 : 3.5
load limit (kN) : max. stroke (m)	20 : 1.9	10 : 4	10 : 4	40 : 6.4	40 : 6.4	70 : 8	70 : 8
Dynamic capacity per lifting column							
max. load (kN) : stroke limit (m)	10 : 1.9	15 : 3.5	30 : 3	50 : 6	90 : 4	75 : 7.5	150 : 5
load limit (kN) : max. stroke (m)	10 : 1.9	10 : 4	10 : 4	40 : 6.4	40 : 6.4	70 : 8	70 : 8

Typical applications:

Industrial lifting platform
 Logistics transmission line stacking
 Warehouse state library
 Lift the storehouse
 Contact the garage
 New energy vehicle level change station

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