

Wire rope drum

Product Introduction

1. The drum group can be divided into two categories according to the number of winding layers of the wire rope: single-layer drum and multi-layer drum. The surface of the single-layer drum group is turned into rope grooves, which can increase the actual contact area between the wire rope and the drum, and can also make the wire ropes arranged neatly. At the same time, it can also reduce the friction between adjacent wire ropes and increase the service life of the wire rope. The multi-layer drum group can be used in places where the lifting height is relatively large, but the length of the drum will be limited.

2. Single-layer smooth drums are often equipped with rope arranging devices, so that the wire ropes can be arranged neatly: for single-layer grooved drums where the wire rope is easy to fall out of the groove, and multi-layer grooved drums, the configuration of rope pressing devices can also achieve the purpose of arranging the wire rope on the drum.

3. Single-layer is easy to control

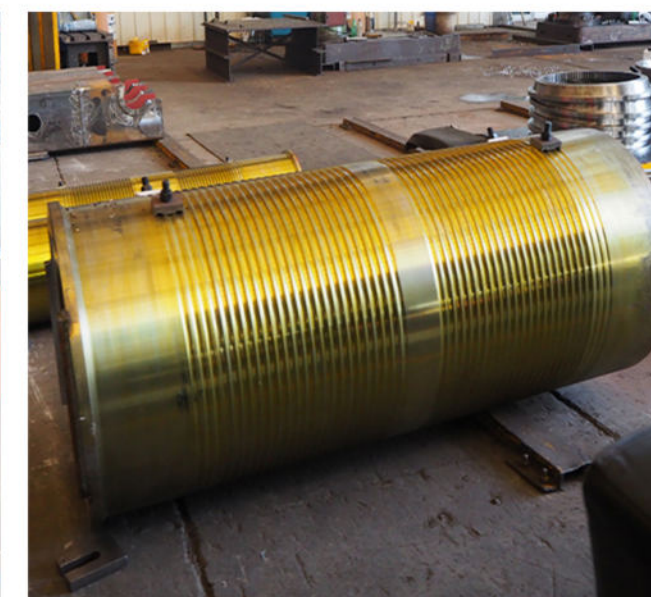
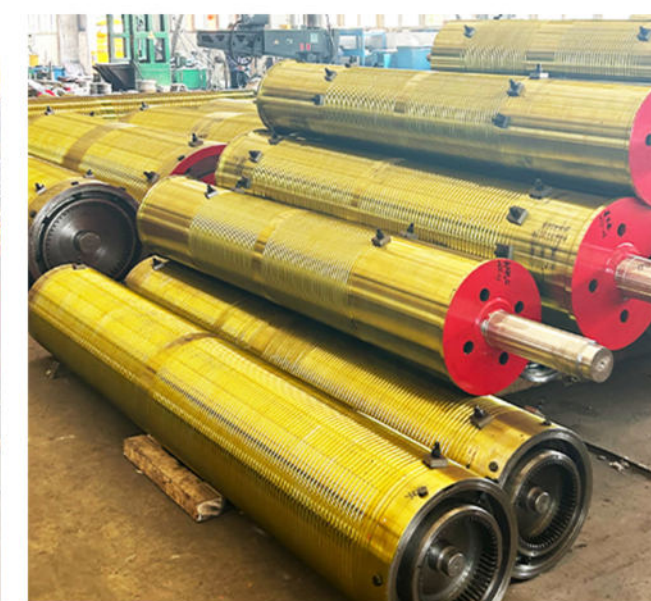
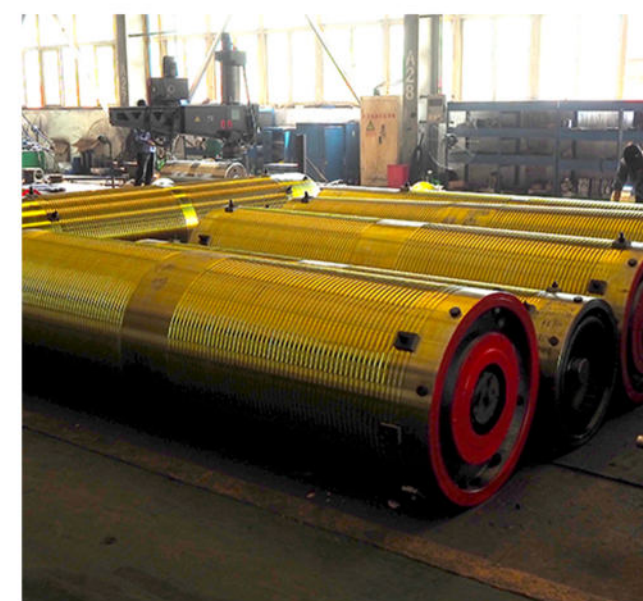
Multi-layer is more difficult, especially the problem of disordered ropes after multiple layers.

Product Features

1. The fixing device of the tail end of the wire rope on the drum should have anti-loosening or self-tightening performance. The fixing of the tail end of the wire rope should be checked once a month. In any state of use, it must be ensured that the wire rope retains a sufficient safety circle on the drum;

2. The drum end of the single-layer winding drum should have a flange. The flange should be 2 times higher than the outer wire rope or chain by the wire rope diameter or the width of the chain. Use and maintenance:

3. When there is no structure with a through-supporting shaft in the drum body of the lifting mechanism and the variable-length mechanism, the simplified body should be made of steel.



Basic Parameter

Item	A	B	C	D1	D2	d	E	F	Weight(kg)
1	300	360	400	500	700	15	610	760	143
2	300	360	400	500	700	15	710	860	455
3	400	460	450	600	800	18	643	800	162
4	500	580	550	800	1000	18	835	990	236