

NE/TH BUCKET ELEVATOR

NE/TH斗式提升机

设备简介

Introduction



(250)
40 80

The bucket elevator is a continuous conveying machine that vertically lifts materials by using a series of hoppers that are uniformly fixed to the endless traction members. It has the advantages of large conveying capacity, high lifting height, stable and reliable operation and long service life.

It is suitable for conveying powdery, granular and small pieces of non-abrasive and abrasive materials such as coal, cement, stones, sand, clay, ore, etc., because the traction mechanism of the hoist is a circular chain. Therefore, it is allowed to transport materials with a higher temperature (the material temperature does not exceed 250 ° C). The general conveying height can be up to 40 meters to 80 meters.

工作原理

Working Principle

The bucket elevator is a continuous conveying machine that vertically lifts materials by using a series of hoppers that are uniformly fixed to the endless traction members. Its conveying principle is that the hopper picks up the material from the underlying storage, and as the conveyor belt or chain is lifted to the top, it bypasses the top wheel and then turns down. The bucket elevator pours the

material into the receiving tank. The drive belt of the belt-operated bucket elevator is generally a rubber belt that is mounted on the lower or upper drive roller and the upper and lower redirecting rollers. The chain drive bucket elevator is generally equipped with two parallel drive chains with a pair of drive sprockets on the upper or lower side and a pair of reversing sprockets on the bottom or the top.

产品参数

Main Specification

Type	No. of enhancements m ³ /h	Hopper			Running part weight	Maximum mass of material				
		(L) volume	(mm) Barrage	(m/min) Battle speed		% By percentage				
						10	25	50	75	100
NE15	15	2.5	203.2	29.8	28	65	50	40	30	25
NE30	32	7.8	304.8	30.1	35	90	75	58	47	40
NE50	60	4.7	304.8	30.1	64	90	75	58	47	40
NE100	110	35	400	31	89	130	105	80	65	55
NE150	170	52.2	400	31	112	130	105	80	65	55
NE200	210	84.6	500	30	134	170	135	100	85	70
TH250	8-10	3.75-6	512	1.4	-	-	-	-	-	-
TH300	10-15	5.9-9.5	512	1.4	-	-	-	-	-	-
TH400	15-20	9.3-15	688	1.5	-	-	-	-	-	-

0.7

Note: Filling factor for Hopper is calculated at 0.7

Note: Specifications and models are subject to change without notice.