

Mine conveyors, belt width 1200 mm

Belt mine conveyors, belt width 1200 mm

Specifications	1L120	1L120-01	1L120-02
Application	Designed for transportation of rock mass, with coal lump fineness to 500 mm, with separate inclusions of rock with fineness up to 300 mm in rectilinear in plan view mine underground workings, coal and shale mines of all categories.		
Technical conditions	TU12.0165562.009-87		
Receiving capacity, cub.m/min **	24.8	24.8	24.8
Conveyor capacity, tons/hour *	1260	1260	1260
Conveyor length with horizontal installation, m *	1300	1650	2450
Belt speed, m/s **	2.5	2.5	2.5
Installation angle, degrees *	from - 3° to + 18°	from - 3° to + 18°	from - 3° to + 18°
Drive rated capacity, KW **	2x250	3x250	3x250
Including capacity of intermediate drive, KW	No	No	250
Electric chain supply voltage, V *	660/1140/6000	660/1140/6000	660/1140/6000
Driving drum diameter with lining-up, mm **	842	842	842
Diameter of pulley on flight, mm	159	159	159
Inclination angle of lateral upper pulleys, degrees	30	30	30
Tension carriage travel, m **	20	20	20

Belt mine conveyors, belt width 1200 mm

Specifications	1L120-03	1L120-04	2L120V
Application	Designed for transportation of rock mass, with coal lump fineness to 500 mm, with separate inclusions of rock with fineness up to 300 mm in rectilinear in plan view mine underground workings, coal and shale mines of all categories.		
Technical conditions	TU12.0165562.009-87		
Receiving capacity, cub.m/min **	24.8	24.8	31,2
Conveyor capacity, tons/hour *	1260	1260	1590
Conveyor length with horizontal installation, m *	2450	3000	2000
Belt speed, m/s **	2.5	2.5	2.5
Installation angle, degrees *	from - 3° to + 18°	from - 3° to + 18°	from - 3° to +18°
Drive rated capacity, KW **	4x250	5x250	4x250
Including capacity of intermediate drive, KW	500	500	no
Electric chain supply voltage, V *	660/1140/6000	660/1140/6000	660/1140/6000
Driving drum diameter with lining-up, mm **	842	842	1292
Diameter of pulley on flight, mm	159	159	159
Inclination angle of lateral upper pulleys, degrees	30	30	30
Tension carriage travel, m **	20	20	20

Belt mine conveyors, belt width 1200 mm

Specifications	3L120B	3L120V
Application	Designed for transportation of rock mass with coal lump fineness not exceeding 500 mm and rock lump fineness not exceeding 300 mm in the rectilinear in plan view underground workings including those linking to stoping faces, and for transportation of people on the carrying run of conveyor in coal and shale mines of all categories.	
Technical conditions	TU3143-028-00165563-00	
Receiving capacity, cub.m/min **	31.2	31.2
Conveyor capacity, tons/hour *	1590	1590
Conveyor length with horizontal installation, m *	3000	2000

Belt speed, m/s **	3.15	3.15
Installation angle, degrees *	from -3° to +18°	from -3° to +18°
Drive rated capacity, KW **	3x500	2x500
Electric chain supply voltage, V *	6000	6000
Driving drum diameter with lining-up, mm **	1292	1292
Diameter of pulley on flight, mm	159	159
Inclination angle of lateral upper pulleys, degrees	30	30
Tension carriage travel, min, m **	20	20

Belt telescope mine conveyors, belt width 1200 mm

Specifications	1LT1200; 1LLT1200	1LT1200 -01; 1LLT1200-01	1LT1200 -02; 1LLT1200-02
Application	Designed for transportation of rock mass with coal lump fineness not exceeding 500 mm with separate inclusions of rock with lump fineness not exceeding 300 mm in the rectilinear in plan view underground workings including those linking to stoping faces, working in complex with chain feeders, and for transportation of people on the carrying run of conveyor in coal and shale mines of all categories.		
Technical conditions	TU3143-031-00165563-2001		
Receiving capacity, cub.m/min **	24.8	24.8	24.8
Conveyor capacity, tons/hour *	1200	1200	1200
Conveyor length with horizontal installation, m *	1500	1500	1500
Belt speed, m/s **	2.5	2.5	2.5
Installation angle, degrees *	from -6° to +10°	from -6° to +10°	from -6° to +10°
Drive rated capacity, KW **	2x250	3x250	3x250
including intermediate drive rated capacity, KW	No	No	1x250
Electric chain supply voltage, V *	660/1140/6000	660/1140/6000	660/1140/6000
Driving drum diameter with lining-up, mm **	842	842	842
Diameter of pulley on flight, mm	127/159	127/159	127/159
Inclination angle of lateral upper pulleys, degrees	35	35	35
Tension carriage travel, m **	70	70	70
Telescoping, m *	50-100	50-100	50-100

Belt telescope mine conveyors, belt width 1200 mm

Specifications	1LT1200-03; 1LLT1200-03	1LT1200-04; 1LLT1200-04
Application	Designed for transportation of rock mass with coal lump fineness not exceeding 500 mm with separate inclusions of rock with lump fineness not exceeding 300 mm in the rectilinear in plan view underground workings including those linking to stoping faces, working in complex with chain feeders, and for transportation of people on the carrying run of conveyor in coal and shale mines of all categories.	
Technical conditions	TU3143-031-00165563-2001	
Receiving capacity, cub.m/min **	24.8	24.8
Conveyor capacity, tons/hour *	1200	1200
Conveyor length with horizontal installation, m *	1500	1500
Belt speed, m/s **	2.5	2.5
Installation angle, degrees *	from -6° to +10°	from -6° to +10°
Drive rated capacity, KW **	4x250	5x250
including intermediate drive rated capacity, KW	2x250	2x250
Electric chain supply voltage, V *	660/1140/6000	660/1140/6000
Driving drum diameter with lining-up, mm **	842	842

Diameter of pulley on flight, mm	127/159	127/159
Inclination angle of lateral upper pulleys, degrees	35	35
Tension carriage travel, min, m **	30	30
Telescoping, m *	50-100	50-100

Belt mine bremsberg conveyors, belt width 1200 mm

Specifications

2LB120M

Application

Designed for transportation of coal with fineness not exceeding 500 mm with separate inclusions of rock with fineness not exceeding 300 mm in underground workings of coal and shale mines including gaseous and dusty mines, rectilinear in plan view.

Technical conditions

TU12.44.791-83

Receiving capacity, cub.m/min **	24.7
Conveyor capacity, tons/hour *	1100
Conveyor length with horizontal installation, m *	2200
Belt speed, m/s **	2.5
Installation angle, degrees *	from -3° to -16°
Drive rated capacity, KW **	2x315
Electric chain supply voltage, V *	660/1140/6000
Driving drum diameter with lining-up, mm **	842
Diameter of pulley on flight, mm	159
Inclination angle of lateral upper pulleys, degrees	30
Tension carriage travel, min, m **	15

Belt mine conveyors, belt width 1200 mm

Specifications

KL1200

Application

Designed for transportation of lump and bulk materials with fineness not exceeding 300 mm, rectilinear in plan view, made-to-measure for open-cast mining and processing enterprises.

Technical conditions

TU3143-065-00165563-2006

Receiving capacity, cub.m/min **	15.4
Conveyor capacity, tons/hour *	1200
Conveyor length with horizontal installation, m *	270
Belt speed, m/s **	2
Installation angle, degrees *	from 0° to +18°
Drive rated capacity, KW **	250
Electric chain supply voltage, V *	380/660
Driving drum diameter with lining-up, mm **	1274
Diameter of pulley on flight, mm	127/159
Inclination angle of lateral upper pulleys, degrees	35
Tension carriage travel, min, m **	6

Notes:

* - values subject to customer's requirements

** - values subject to calculations

Designation legend:

1L120-01:

1 - standard size

L - Belt type

120 - Belt width in cm

01 – conveyor version

3L120B:

B, V – conveyor version

1LLT1200:

LL – belt type cargo and passenger carrying

T – telescopic

2LB120M:

B – bremsberg type

M – conveyor version

KL1200-270U1:

KL – belt conveyor

1200 – belt width in mm

270 – conveyor length in m

U1 – climatic design