

ATLAS CRUSHER Co.



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Crusher Plants

Jaw Crusher

Cone Crusher

Impact Crusher

Feeder

Vibration Screen

Sand Washer

Belt Conveyor

List of products

Asphalt Plants

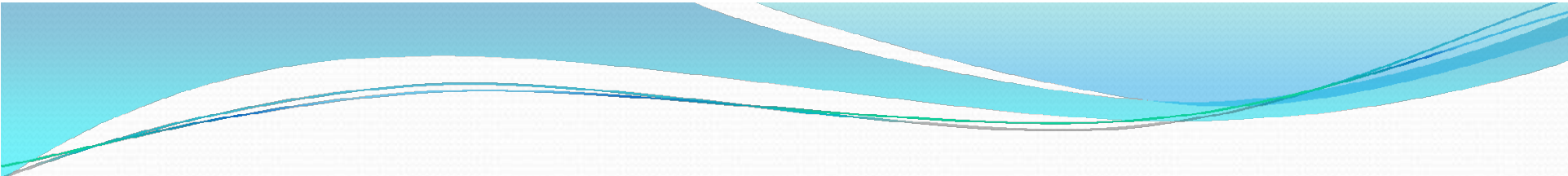
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About Us

Many years of experience in designing - manufacturing - manufacturing of various crushing equipment and machinery, self-sufficiency of crusher industry in domestic and production of products to other neighboring countries and support and satisfaction of our customers and lovers of our industry and mine. Its products and products encouraged the creation of new complexes with technical facilities and equipment called (Atlas Crusher).

Improving the quality of our products relying on the latest technical and engineering knowledge and continuous experience and research are one of the essential priorities of this collection.

Multi-year portfolio management experience in design - production - control and supervision of production and installation processes as well as the use of highly trained and experienced personnel enable us to deliver the best quality of our products with the latest technology in the world. We provide reputable European companies to our esteemed customers. The best quality after-sales service and spare parts will be provided 24 hours a day, seven days a week.

Some of the capabilities of the collection are as follows

Advice on how to make a crushing line

Designing crushing lines

Manufacture of crushing machines

Installation

Running and producing crushing lines

After-sales service and repair

Supply spare parts as quickly as possible

Single Toggle Jaw Crusher

Specifications :

- ✓ High power & capacity in crushing
- ✓ Abrasion parts made of Mn steel
- ✓ Tenacious structure & high resistance
- ✓ Equal output
- ✓ Pretty designing & confident operation
- ✓ Quick & easy replacement of spare part
- ✓ Less abrasion & more resistance than other similar crushers
- ✓ High output & decreasing the upkeeps with lubricant system
- ✓ Comparing to similar Products, It has the benefit of longer so smaller discharge



Models	Capacity (t/h)	Power (Kw)	Max Feed Size(mm)	Weight (Ton)
6045-96	60-85	55-140RPM	375	8
10060-160	150-230	90-980RPM	450	17
11095-210	250-360	110-980RPM	750	37
120100-210	280-420	132-980RPM	900	47
150120-250	430-900	185-980RPM	1000	120

Cone Crusher (36Inches)

Specifications :

- ✓ Using as secondary crusher in mines
- ✓ Highest ability to crush hard rocks
- ✓ Suitable for producing much sand & gravel
- ✓ Large input entrance makes high capacity
- ✓ Very strong & high resistant structure during crushing operation
- ✓ Friction parts made of Mn steel
- ✓ High efficiency & decrease upkeeps with three automatic lubricant system
- ✓ Easy carry & installation caused by low weight



Models	Cpacity (t/h)	Power (Kw)	Feed Opening (mm)	Weight (Ton)
2-36	80	90	25*25*35	11
3-36	90	90	40*40*55	11
4-36	100	90	80*80*95	11
5-36	115	90	100*100*125	11
6.5-36	160	90	150*150*180	11
8-36	170	90	190*190*210	11

Superior Gyratory Crusher (36inches)

Specifications :

- ✓ Using as primary & secondary crusher in mines
- ✓ Highest ability to crush hard rocks
- ✓ Suitable for producing much sand & gravel
- ✓ Large input entrance makes high capacity
- ✓ Very strong & high resistant during crushing operation
- ✓ Friction parts made of Mn steel
- ✓ High efficiency & decrease upkeep with three automatic lubricant system
- ✓ Easy carrying & installation caused by low weight

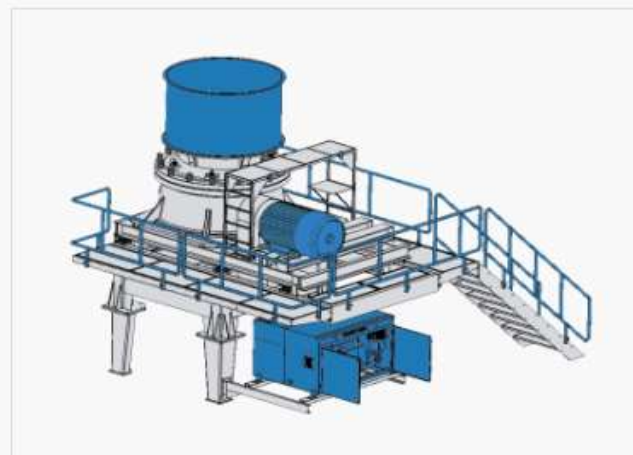


Models	Capacity (t/h)	Power (Kw)	Feed Opening (mm)	Weight (Ton)
9-36	220	90	150*150*200	23
11-36	240	90	180*180*250	23
13-36	260	90	200*200*300	23

Cone Crusher CH440 (45Inch)

Specifications :

- ✓ Wide field of use thanks to its built-in excellent versatility. Several standard crushing chambers are available for one topshell, From extra coarse crushing chamber to extra fine setting.
- ✓ Constant Liner performance (CLP) : Special chamber design to ensure that the shape of chamber remains virtually unchanged throughout the wearing life.
- ✓ The CLP crushing chamber in combination with high motor power result in higher capacity, Constant feed acceptance capability, High-quality product, increased liner life and Lower total cost.
- ✓ Automatic overload protection with Hydroset system to permit the passage of uncrushable material.

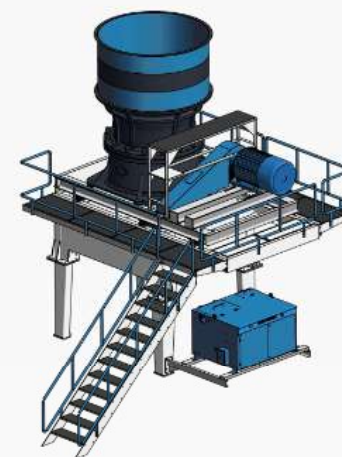


Chamber	Max feed size (mm)	Weight (ton)	Normal capacity in t/h with Crusher Running at css (mm)									
			8	10	13	16	19	22	25	32	38	44
Ec	215	23	-	-	-	114-200	122-276	131-294	139-313	159-375	175-395	192-384
C	175	23	-	-	10	109-218	117-292	125-312	133-332	151-378	167-335	-
Nc	140	23	-	-	97-122	105-262	113-282	120-301	128-320	146-328	161-242	-
M	110	23	-	-	117-187	126-278	136-298	145-318	154-339	175-281	194	-
MF	85	23	-	114	124-227	134-245	144-263	153-281	163-299	186-248	-	-
F	70	23	90-135	96-174	104-191	112-206	120-221	129-236	137-251	156-208	-	-
EF	38	23	100-125 with 80% finer than 6-7.5 mm									

Suoperior Gyrary Crusher CS-440 (45Inches)

Specifications :

- ✓Excellent choice for primary and secondary crushing application, it can easily be mayched to change in production through to proper selection of the crushing chamber and the eccentric throw
- ✓Constant Liner performance (CLP) : Special chamber design to nesure that shape of the chamber remains virtually unchanged throughout the wearing lifr
- ✓The CLP crushing chamber in combination with high motor power resulte in hither capacity, Constant feed acceptance capability, Hight-quality product, increased liner life and Lower total cost
- ✓Automatic overload protection with Hydroset system which permits the passage of tramp iron or other uncrushable material.

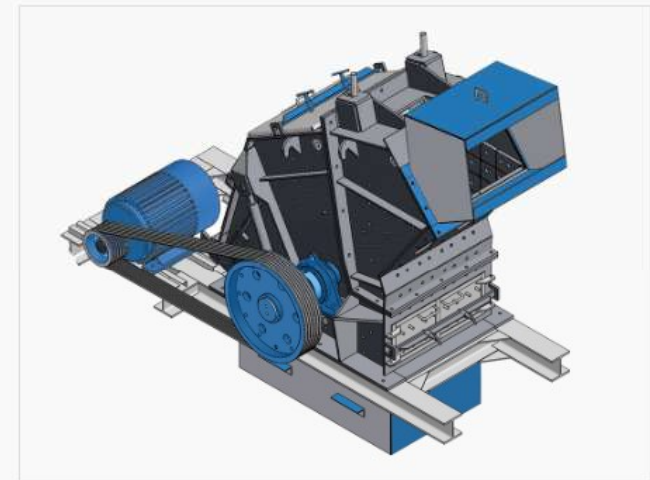


Chamber	Max feed size (mm)	Weight (ton)	Normal capacity in t/h with Crusher Runningat css (mm)									
			25	29	32	35	38	41	44	48	51	54
Ec	450	31	-	-	-	267	282-353	298-446	313-563	334-601	349-524	365-456
C	400	31	-	255	239-299	254-381	269-484	284-448	298-448	318-398	333	-
Nc	300	31	195	214-267	228-342	242-435	256-461	270-486	284-426	303-378	317	-

Impact Crusher

Specifications :

- ✓ Adjustable wear resistance blow bars
- ✓ Hydraulic mechanism for opening top assembly in order to facilitate changing spare parts
- ✓ Easily replaceable highly wear-resistant internal armor plating
- ✓ Large crushing ratio and high crushing efficiency
- ✓ Simplified assembly and dismantling operations
- ✓ Adjusting the crushing ratio by adjusting impact rocker position



Models	Capacity (t/h)	Power (Kw)	Feed Opening (mm)
ICA-120	100-120	90	910*425

Vertical Shaft Impact Crusher

Specifications :

- ✓ manufactured with advanced technology to ease operation and maintenance
- ✓ High throughput capacity with high sand making ratio
- ✓ Improved design in order to facilitate spare parts replacement and checking
- ✓ Improved bearing lubrication system
- ✓ Hydraulic Unit for Belt tension Adjustment and Feed Hopper disengagement

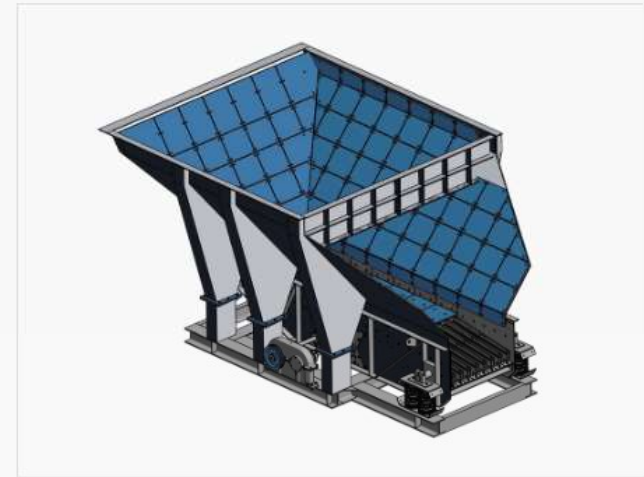


Models	Capacity (t/h)	Power(Kw)	Max Feed Size (mm)	Rotor Diameter(mm)
VSL-900	250-300	2*200	40	975

Horizontal Feeder

Specifications :

- ✓ Shafts made of alloy steel
- ✓ Tenacious & hight resistant structure
- ✓ includes grizzly system in front of the structure
- ✓ includes very great storage with 30 to 90 tons capacity
- ✓ Using double spherical roller bearing for revolving movenent
- ✓ Suitable for mountain mins with large stones and river mines
- ✓ Movement amplitude adjustment in locomotive
- ✓ Using anti-friction plates to make body & bottoms tray
- ✓ Perfect Lubricant system & using caulk tools
- ✓ ability to adjust the rate of machines input

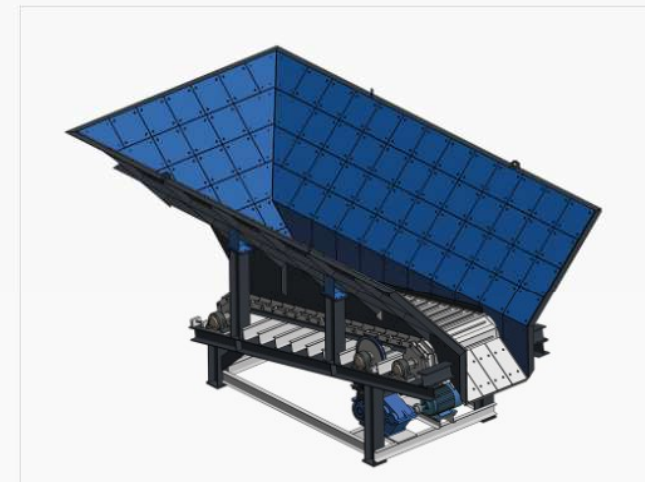


Models	Capacity(t/h)	Power(Kw)	Weight (Ton)
HFA-100	150-250	37	18
HFB-120	300-550	45	24.5
HFC-150	450-1000	55	50

Apron Feeder

Specifications:

- ✓ Controlled feed rate by controlling progression rate
- ✓ Easily handles large and heavy feed material
- ✓ Uniform and reliable feed rate

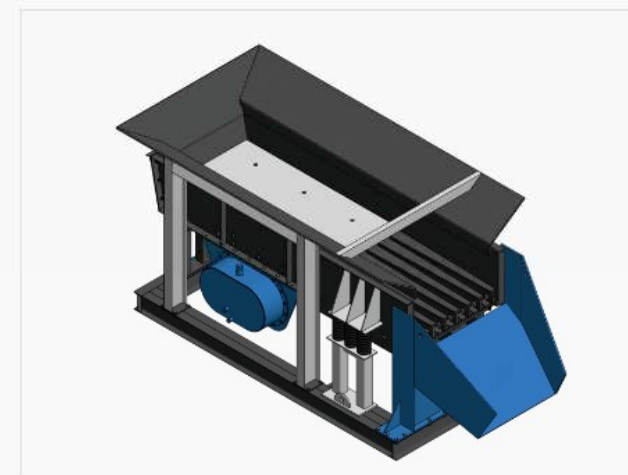


Models	Capacity (t/h)	Power (Kw)	Progressing Speed (m/min)
AFA-4*1.2	200-350	15	6.5

Heavy Duty Vibrating Feeders

Specifications :

- ✓ Suitable for feeding small jaw crusher
- ✓ Adjustable vibration amplitude
- ✓ Fortified structure with high resistance
- ✓ shafts made of alloy steel
- ✓ Equipped V-type drills in front



Models	Capacity (t/h)	Power (Kw)
HFB-3*1	100-180	11

Grizzly Feeder

Specifications :

- ✓ vibration amplitude adjustment
- ✓ tenacious & high resistance structure
- ✓ shafts made of alloy steel
- ✓ suitable for separate mix from stone
- ✓ Anti-friction network for conduction & transmission input
- ✓ perfect lubricant system & using caulk tools
- ✓ using double spherical roller bearings for revolving movement



Models	Capacity(t/h)	Power (Kw)
GFA-3*1	150-200	11
GFB-3*1.2	220-300	15

Vibration Screen

Specifications :

- ✓ Tenacious & high resistance structure
- ✓ Bodies made from plates without suture weld
- ✓ shafts made of alloy steel
- ✓ vibration amplitude adjustment
- ✓ Perfect lubricant system & using caulk tools
- ✓ Using double spherical roller bearing for revolving movement
- ✓ Quick & easy net installation & replacement
- ✓ Deck made of Mannesmann pipe for prevention from breaking the decks

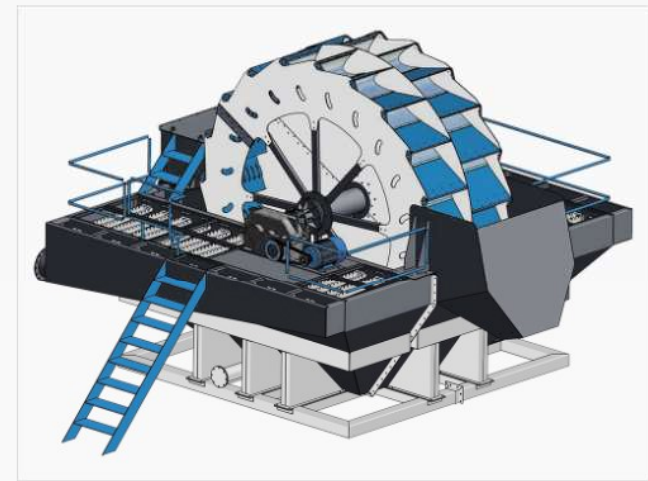


Models	Capacity (t/h)	Power (Kw)	.Desk No
5*1.5	100-140	15	1-3
6*1	80-120	15	1-3
6*1.5	140-200	15	1-4
6*1.8	160-240	18.5	1-4
6*2	180-300	18.5	1-4

Bucket Wheel Sand Washer

Specifications :

- ✓ Suitable for washing sand pumped from seabed
- ✓ High washing cleanliness to produce silt free material
- ✓ Heavy sturdy construction, Easy to maintain and convenient to operate
- ✓ Large throughput, high efficiency, and less run-away convenient to operate
- ✓ Heavy self-aligned spherical roller bearing blocks for trouble free running
- ✓ Easily replaceable high quality polyurethane dewatering screens
- ✓ Good quality sand output to meet out construction standards



Models	Capacity (t/h)	Power (KW)	Rotor DI (mm)
SWB	300	30	5000

Dynamic Send Washer

Specifications :

- ✓ A modern equipment for send washing
- ✓ A local reverse flow as a result inspecial design of tank to forec all solid particles
- ✓ accelerate toward the bottom of the tank, where the pump is ready to seng them to the cyclone
- ✓ All polyurethane coating surfaces such as crating desk, inside of cyclones, etc
- ✓ Two adjustable vibrating motors for the desk

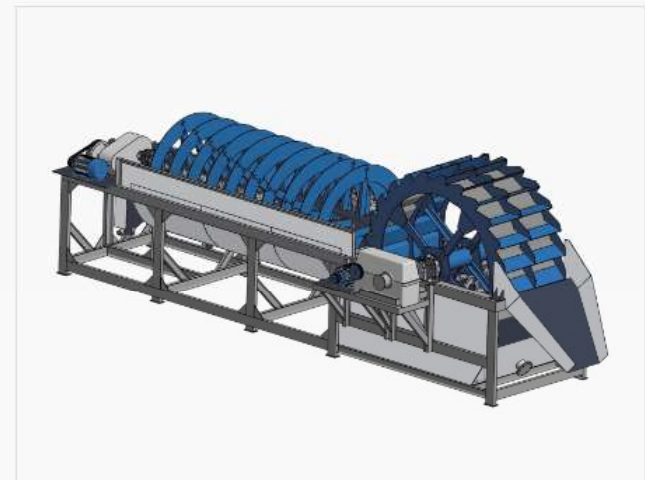


	Hydro Cyclone	Drainer		Pump		Send Production
Models	Diameter(mm)	M	Power (KW)	Type	Power (KW)	Capacity (t/h)
SWA	2*650	4.8	2*2.2	"8	30	100
SWB	650	2.3	2*1.8	"8	30	50
SWC	500	1.4	2*0.9	"5	22	30

Spiral Bucket Wheel Sand Washer

Specifications :

- ✓ Compared with spiral sand washing machine, the loss of medium and fine sand and
- ✓ Powder is minimized, and the grade and fineness can meet the required standard
- ✓ High capacity cleanliness to produce silt free material
- ✓ Heavy self-aligned spherical roller bearing blocks for trouble free running
- ✓ Spiral wheels empowered with wear resistant resistant easily replaceable sectors
- ✓ Suitable for washing mud stuck to gravel

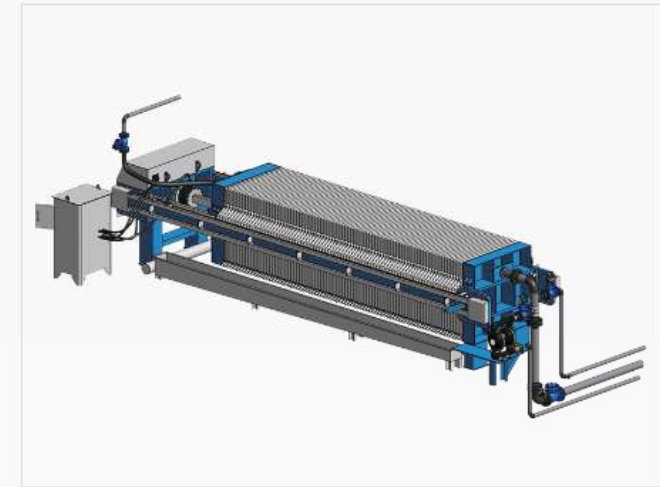


Models	Capacity (t/h)	Power (KW)		Rotor	Spiral	
		Spiral	Rotor		Diameter (mm)	Length (mm)
SWB	100	30	18.5	3000	2000	4500

Filter Press

Specifications :

- ✓ Separating more than 60% of the water in feed
- ✓ The ability to perform the press and discharge both automatic and semi-automatic
- ✓ Equipped with multiple sensors to control the Dewatering process using PLC system
- ✓ Automatic plate shifting using hydraulic motors
- ✓ Blowing high-pressure air to drain the mud in pipes
- ✓ Equipped with pressure control sensors and relief valves to avoid harm due to over pressurization
- ✓ Press pressure stabilization using pressure switch



		Slurry Pump		Slurry Pump	
		Type	Size		
Models	capacity	Centrifugal	6"-4"	Dimension (mm)	Quantity
FPA	8	Diaphragm Pump	3"	1250*1250	78

Thickener

Specifications :

- ✓ A unique equipment for purifying water in sand & gravel, iron and copper ore, mines
- ✓ Recovery of up to 90% of the water used in your washing plant
- ✓ Fully compliant with the environment due to the least construction requirements
- ✓ Rapid & easy installation in the minimum time
- ✓ less maintenance requirement and cost compared with the traditional washing systems
- ✓ Safer and cleaner environment due to omitting the ordinary ponds

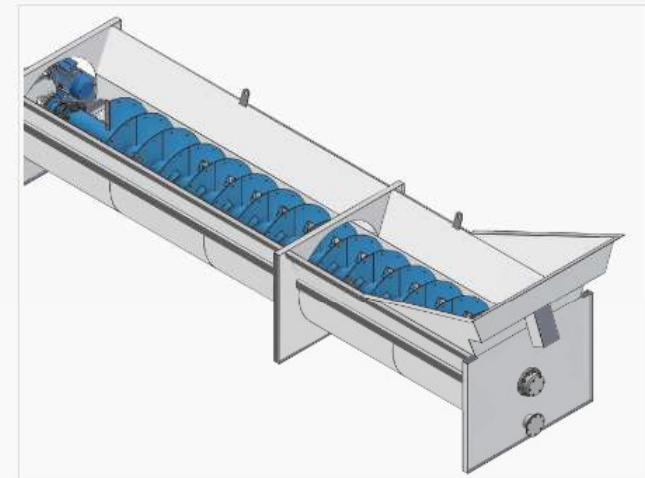


Models	Diameter (mm)	Max Capacity	Out Put (Ton/h)	Slurry Pump		Weight (Ton)		Consuming Power (Kw)
				Type	Power (Km)	Empty (Ton)	Full (Yon)	
TKA	12	800	40	6/4	22	32	400	4
TKB	10	600	30	6/4	25	25	270	4
TLC	8	400	20	4/3	20	20	200	3

Spiral Sand Washer

Specifications :

- ✓Screw type shaft to eliminate sandes from dirt-level or any aggregates
- ✓Shaft made of alloy steel
- ✓Screm type erosion resistor plates



Models	Capacity (t/h)	Power (KW)	Diameter (mm)	Spiral Length (mm)
SAA	70	22	1400	7200
SAB	40	22	1400	7200

Belt Conveyor

Specifications :

- ✓ It has a frame of iron beam 16
- ✓ In different sizes for all models
- ✓ With SN516 series bearings with 22216K roll bearings
- ✓ Incorporates roller coated with lasitec to increase roller life and efficiency
- ✓ Includes bolt fittings in parts such as strip structure, engine mount, gearbox mount, roller mount, driveshaft, etc.
- ✓ One-piece shaft with roller locking system
- ✓ Replaceable roller presses



Models	Belt Width (cm)		
CV-06	60		
CV-08	80		
CV-10	100		
CV 12	120		
Roller Type	Moving Type	Transmission Type	Rubber Type
Pressing	Motor	Chain	EP 400
Changeable	Gearbox SN3	Belt	EP 650
	Gearbox SN4		EP 800

Asphalt Plant

Specifications :

- ✓ Four silos of 6 cubic meters of aggregate capacity each
- ✓ Reinforced steel frame for different parts of the factory with stairs and access platforms
- ✓ Indirect bitumen storage and heating system using hot oil and double chamber circulation pump
- ✓ Automatic electrical scales with digital markers inside the cabin
- ✓ Double axle mixer with interchangeable anti-wear layers on the inner body
- ✓ Bitumen measurement and injection system



Models	Capacity (t/h)
ASP-120	120
ASP-160	160