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Precision in Crushing
Excellence in **Performance**

TRACK PLANT ✦ MODULAR PLANT ✦ STATIC PLANT

LPT - SAMYOUNG Your Go-To Source for Advanced Construction Machinery

LAKSHMI PRECISION TECHNOLOGIES LIMITED, INDIA & SAMYOUNG PLANT CO., LTD, SOUTH KOREA

Forge a Strategic Joint Venture in the Indian Crusher Market

Lakshmi Precision Technologies Limited (LPT), a renowned name in Indian precision manufacturing, has entered a strategic joint venture with Samyoung Plant Co., Ltd., South Korea, a global leader in crusher plant technology. This partnership marks a significant milestone in the Indian construction equipment sector, bringing together LPT's legacy of engineering excellence and Samyoung's cutting-edge technological expertise.

About Lakshmi Precision Technologies Limited (LPT)

Lakshmi Precision Technologies Limited (LPT) is an ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 and 5S Excellence Certified Company established in 1983. Headquartered in Coimbatore, India, the city known for textile machinery and manufacturing. LPT is associated with Lakshmi Machine Works Ltd(LMW), a world leader in textile machinery. LPT Specializes in manufacturing of Thin Wall Pressure Die casting Components, Gravity Die casting Components, sheet metal manufacturing and assembly, sub-assemblies for engineering and textile industries.

About Samyoung Plant Co., Ltd., South Korea

With a history spanning over 40 years, Samyoung Plant is South Korea's leading manufacturer of crushers, sand plants, and construction waste recycling systems. Holding a dominant 60-70% market share in Korea and exporting to over 40 countries, Samyoung is known for its advanced engineering, durable equipment, and commitment to sustainability. The company's legacy traces back to acquiring the crusher division of Hyundai Steel, further solidifying its leadership in the industry.


JAW CRUSHERS


CONE CRUSHERS


IMPACTORS


WASHING SYSTEMS

STANDARD SYSTEM TABLE

Category		100T/H	150T/H	250T/H	350T/H	400T/H	600T/H CP
Primary Unit	Hopper	10M³	15M³	25M³	30M³	30M³	60M³
	Feeder	LQH-7530	LQH-9036	LQH-1042	LQH-1248	LQH-1248	LQH-1854, LQA-1863
	Scalping Screen				LOP-1630	LOP-1630	LOP-1930
	Jaw Crusher	LFSK-3020	LFSK-3624	LFSK-4430	LFSK-5040	LFSK-5040	LFSK-6048
Secondary Unit	Cone Crusher	LMC-100(A)	LMC-150(A)	LMC-200(A)	LMC-300(A)	LMC-300(A)	LCC-2100
Tertiary Unit	Cone Crusher	LMC-100(B)	LMC-150(B)	LMC-200(B)	LMC-200(B) X 2SETS	LMC-300(B) X 2SETS	LMC-300(B) X 2SETS
Aggregate Screening	Vibrating Screen	LOP3-1842	LOP3-2160	LOP3-2470	LOP3-2470 X 2SETS	LOP3-2780 X 2SETS	LOP3-3090 X 2SETS
Soil Removal	Vibrating Screen	LOP2-1536	LOP2-1536	LOP2-1842	LOP2-2160	LOP2-2160	LOP2-2460

LPT | SAMYOUNG

Our Product portfolio

JAW CRUSHERS

Improve output

- Improve by 20% compared to outdated jaw crushers of the same class
- Increase inlet size: About 5%
- Increase number of rotations: About 10%
- Increase motor power: About 20%

Improve maintainability and durability

- Shorten the setting time with the hydraulic outlet clearance controller: 60 minutes (outdated) ? 10 minutes or less
- Improve durability by analyzing the frame structure and stress

Jaw Crusher Specification

Model	Input Size (mm)	Output (t/h) Setting Clearance (mm)											RPM	Motor (kw)	Weight (ton)
		50	60	80	100	125	150	175	200	225	250	300			
LFSK-2514	640 x 345	42	53	76									250	37	4.1
LFSK-3020	750 x 500	42	53	72	94	117	138						250	45	7.7
LFSK-3624	900 x 600			108	132	164	186	196					250	75	12.2
LFSK-4430	1,100 x 750				200	250	290	325	360				250	110	22
LFSK-5040	1,250 x 1,000					313	363	413	464	482	500		220	220	41
LFSK-6048	1,500 x 1,200						425	468	510	550	590	640	190	300	69.7

MC CONE CRUSHER

High Speed Cone Crusher

Improve output

- Improve by 20% compared to outdated jaw crushers of the same class
- Increase inlet size: About 20%
- Increase number of rotations: About 10%
- Increase motor power: About 15%

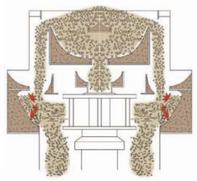
Improve maintainability and durability

- Shorten the liner replacement time by changing the liner fastening method: 6 hours (outdated) ? 2 hours (MC cone)
- The primary cone and the secondary cone could be inter-compatible with the replacement of liners alone
- Use spiral gears: Reduce noise and vibration + Improve power transmission efficiency

LMC Cone Crusher Specification

Model	Input Size(mm)		Output (t/h) Setting Clearance (mm)										RPM	Motor (kw)	Weight (ton)
	Closed (mm)	Open (mm)	4	6	10	13	16	20	25	30	40	50	60			
LMC-100(A)/ CC-900	125	140				45	50	70	80	90	105			630	37~55	12
LMC-100(B)/ CSH-900	50	70		27	48	57	65	80								
LMC-150(A)/ CC-1200	170	190				72	90	110	135	155	185	200		530	75~110	24
LMC-150(B)/ CSH-1200	70	100			70	90	110	135								
LMC-200(A)	210	235					125	150	185	210	250	265		580	160	23
LMC-200(B)	90	120			95	125	150	185								
LMC-300(A)	270	305						220	290	335	390	455	480	550	220	43
LMC-300(B)	135	175			145	185	220	260	290							
CC-2100	300	335							360	430	560	700	800	435	200~300	79

VERTICAL IMPACT CRUSHERS



1. Increased production of first grade aggregate and crushed sand

- Crushing through rotor rotation
- Improved granularity by rock to rock method
- High quality primary aggregate and SMA aggregate production
- Increased production of crushed sand

2. Increased Convenience and Durability

- Easy to check and replace internal consumables
- Maintain optimal crushing conditions with CASE CADE & OVER FLOW TYPE
- Low noise, low vibration crushing with solid structure

Vertical Shaft Impact Crusher Specification

Contents \ Model	LSY-9000V	
	Dead Stock	
Rotor (mm)	900	
Rotor Speed (m/sec)	45 ~ 65	
Rotation Speed (rpm)	1000 ~ 1800	
Drive Type	V-BELT	
Max. input size (mm)	25×55×70	
Purpose	Shaping	Sand Making

Production Capacity

Production	Capacity (t/h)	
	LSY-9000V	
Operation Type	Dual	
Motor (kw)	190×2	220×2
Sand production	265~630	310~730
Shaping	265~630	310~730

1. The above capability is applied in case the aggregates, as a specific gravity of 1.6, are supplied consistently.

VIBRATING SCREEN

Vibrating Screen Specification

Model	Section	W x L(mm)	Motor(kw)
LOP-1236	1 ~ 4	1,200 x 3,600	11
LOP-1536	1 ~ 4	1,500 x 3,600	15
LOP-1842	1 ~ 4	1,800 x 4,200	22
LOP-2160	1 ~ 4	2,100 x 6,000	37
LOP-2460	1 ~ 3	2,400 x 6,000	45
LOP-2470	1 ~ 3	2,400 x 7,000	30 x 2
LOP-2780	1 ~ 3	2,700 x 8,000	37 x 2
LOP-3090	1 ~ 3	3,000 x 9,000	45 x 2

SAND UNIT

Sand Unit Specification

Model	Pump		Cyclone	Dewatering Screen			Water Tank (M3)
	Size	kw	Type	Type	Area	kw	ton
LSYSU 300 x 100	6"	37	650	10 x 24	2.5	2.2X2	6
LSYSU 500 x 160	8"	45	900	15 x 30	4.5	22	10
LSYSU 600 x 200	10"	55	900	18 x 33	6	22	18
LSYSU 800 x 300	12"	90	1100	21 x 45	9.5	22	25
LSYSU 800 x 400	12"	90	1100	21 x 54	11.3	30	30
LSYSU 1000 x 500	12"	90	1100	24 x 60	14.4	37	50