

Through Eyes of Our Customer



Mr. Gopal & Saurabh Poddar,
Owner – B.L. Industries,
Assam.

Our association with Columbia Machine Engineering started more than 7 years back, when we bought the 1st Concrete Block Machine back in 2011 and installed at Dergaon at Golaghat district in Assam. We started with producing only bricks but as the demand surged soon shifted to manufacturing 80mm paver blocks on the same machine.

Our business has been running from generations and hence hugely evolved over time. From Stone Crushing to manufacturing Bricks and now Paver Blocks, we have grown ourselves with varying demands and market requirements. Before buying 1st Block Machine, we did a lot of Market survey and analysis. We saw sharp difference between other block machines and Columbia's SPM20. We also visited two of Columbia's plants at different locations in India and spoke to many of their customers and took their feedback. After lot of thought process we finalized on buying Columbia's Concrete Block Machine SPM 20. We again bought second machine from Columbia in 2014 and currently in the process of setting up the 3rd Columbia plant very soon.

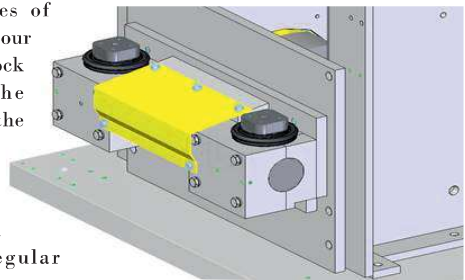
This sector of business is largely dependent on government policies and schemes and presently we see tremendous business in blocks and pavers. I am pleased to say both the machines are currently working satisfactory at our factory in Jorhat and giving an output of more than 40,000 pieces per day. November to March being the most favorable season for us as other months we strictly work as per order. We hope the situation to remain the same after the next elections as well.

We always cherish working with Columbia, their after sales service assistance, spare parts and mould delivery has been prompt and upto the mark. We would also want Columbia to start Preventive Maintenance and Annual Contracts for their customers, which will further help in strengthening relationship between both of us.

At Columbia we have always put our Customers first. Customer training and development, taking regular feedbacks and continuous improvements have always been our priority. Customer satisfaction is the key. We have been recently doing many product innovations, expanding our range, launching new products so as to be one-stop solution for all of your needs. Be it refurbishment of an old machine or replacing it with a new one, we would like to touch base with you and help you with all your needs and requirements, write to us at info@colmac.in or call us at 91 22 67434330/31

Auto Lubrication in SPM20 Concrete Block Machine

In the second part of the series of developments carried out recently on our flagship product SPM20 Concrete Block Machine, we give detail of the advantages of Auto Lubricating the Machine over the traditional methods of lubrication.. Presently our standard machines are equipped with grease lubricated vibrator shafts. This needs regular maintenance. To minimize this, we have come up with a new version of vibrator shaft, wherein oil with moderate pressure of 2 bar is injected into the housings to lubricate the bearings. This is an enhancement feature of the product.



We have developed the prototype in May 2018 and the field trials are underway at customer site.

Advantages of Oil injected vibrator shaft:

- The bearing temperature remains at around 50 to 55 degree centigrade. This will increase bearing life substantially.
- Less noise due to enclosed housings.
- Fewer breakdowns & increased productivity.
- Less prone to dust and contamination.
- Spare parts consumption reduced.
- No overflowing of grease, resulting in cleaner machine.
- Consumable cost reduced as we are not using expensive High temperature Vibrator grease.

We will be introducing an upgraded kit version of this for our existing customers having grease lubricated vibrator shafts. If you have an old version of SPM20, you can contact us on +91 22 6743 4330/31 or write to us at info@colmac.in for more details.



Meet us at Bauma in Delhi

Inviting all of you to come and witness the launch of the latest Product Range from Columbia Machine at BaumaConExpo at Huma Grounds, Gurgaon, Delhi from 11th to 14th December 2018.

Drop in at our Booth NO. H1 I32 and meet us with our entire team.

You can call us on +91 7228931736 for more details.

Recently Concluded Shows:



Concrete Show South East Asia, September '18 at Jakarta.



Packex Mumbai, September '18 at Mumbai.



ConExpo Bangladesh, October '18 in Dhaka.



AddisBuild, October '18 at Ethiopia.



BuildExpo Africa, Nov '18 in Tanzania.

Where we will be Next?

Find us at these Tradeshows:

bauma CONEXPO INDIA
DECEMBER 11-14, 2018 GURGAON/DELHI

11th – 14th December 2018
Booth No. H1 I32
HUDA Grounds,
Gurgaon.

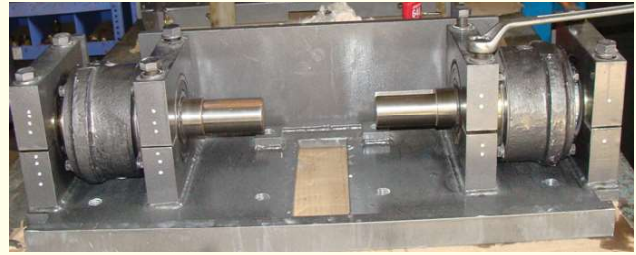
5th NEPAL BUILDCON
INTERNATIONAL EXPO 2019
February 8-10, 2019 | Bhrikuti Mandap, Kathmandu

8th – 10th February 2019
Booth No. B40,
Kathmandu,
Nepal.

Reach us at:

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SERVICE TIPS



Prior to removing a vibrator from the base make sure that all caps and base are either stamped with punch marks or numbered to identify where each cap must be put back on the base. The caps cannot be turned or placed on another journal. Check and clean the bearing surface both on the caps and base to insure these components are in good condition. If a bearing has spun in the base it may have damaged the base enough that it will not hold the vibrator bearing properly and will lead to another failure.

DO YOU KNOW?



Concrete is more popular than you think. It is the most used material in the world in terms of overall volume. Concrete is used twice as much in construction than all other building materials, including timber and steel.

In addition, concrete is the 2nd most consumed substance in the world-behind water. The industry alone is worth over \$37 billion, and it employs more than 2 million employees in the United States. About 10 billion tons of concrete are produced every year.

Concrete can last for thousands of years. The oldest known man-made concrete mix dates back to around 500 BC.

Do you know the world's largest concrete structure is in China? At 185 metres high and 2,309 metres long, the Three Gorges Dam on China's Yangtze River is the world's largest concrete structure. Built between 1994 and 2006, the dam's hydroelectric



station can generate an incredible 22,500 MW of power. Its reservoir holds as much water as Lake Superior, and displaced around 1.3 million people.