Liebherr (HKG) Limited

Present for CITF: PA-213



Mobile crane with VarioBase ®

First Launch date March 2020 in Hong Kong



LTM 1120-4.1

Max. capacity: 120 t Max. hook height: 94 m Max. radius: 64 m



The Liebherr-Werk Ehingen GmbH



Year of foundation 1969

Turnover LWE (2019) 2.092 million €

Employees 3.526

Total Area 885.000 m²

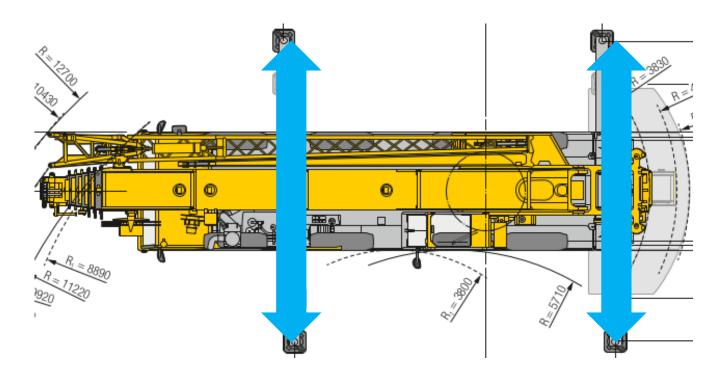
Covered area 240.000 m²





VarioBase®

- General practice
- Outrigger support fully extended

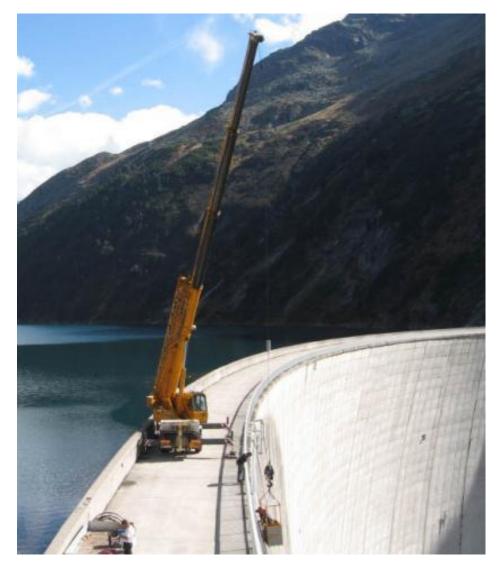




VarioBase®

Difficult situation

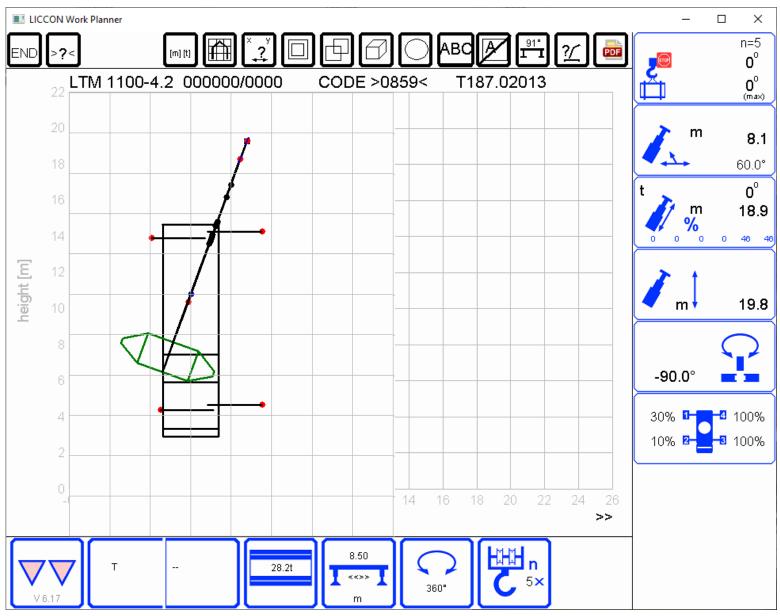






VarioBase[®] Maxmium safety

Over weight from rear





VarioBase[®]

- Principle
- Input of load from support cylinders and measure the length of support bases
- Calculate the entirely the crane configuration
- Guarantee the operation in safe condition

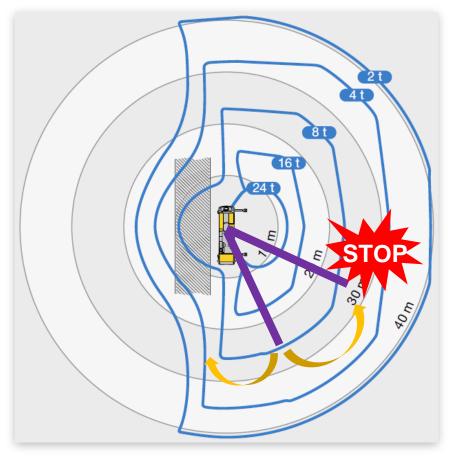




VarioBase® Maximum safety

- The extension of orgiger support base is according to the environment of the job site
- The system can monitor the safe working load on a real time basis
- It could give safety ale the crane to stop when overload occurs unless it returns to the safe position.
- driver can concentrate fully on the operation





LTM 1130-5.1





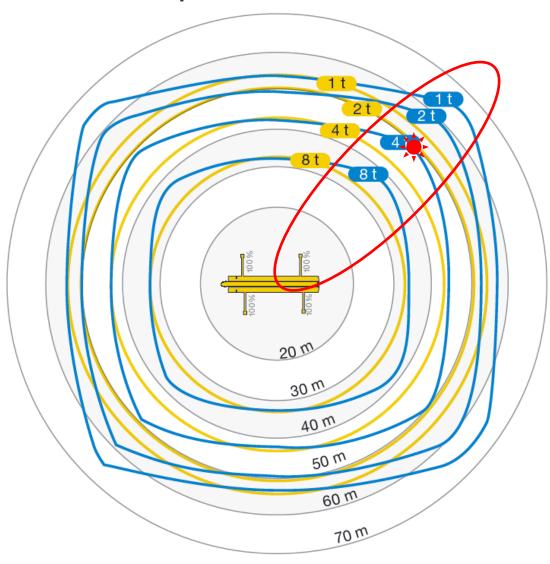
VarioBase[®] Maximium Quality



 A lot of manpower to rearrange the job site situation in order to extend the support base in full length



VarioBase[®] Maximum productive



LTM 1300-6.2



2 tons @ 50 m

With VarioBase



4 tons @ 50m



VarioBase® **Environmental friendly**





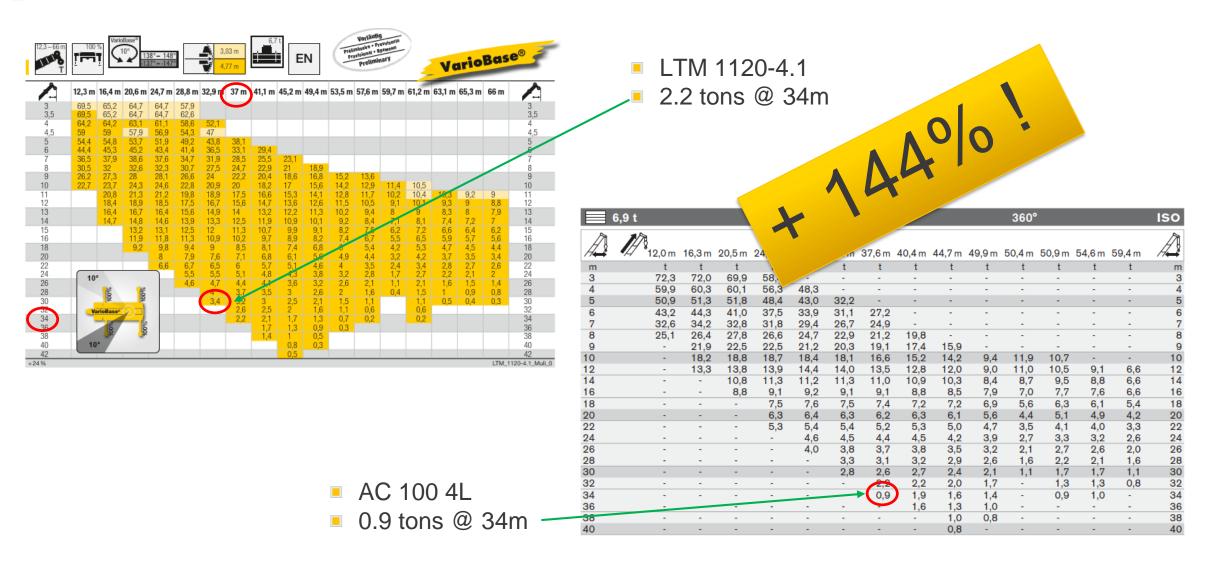
LTM 1300-6.2 with VarioBase



- LTM 1450-8.1
- 3.4 tons @ 50m
- 4.1 tons @ 48m



VarioBase® LTM 1120-4.1 with VarioBase vs AC100 4L



VarioBase

Innovation awards & patent

- VarioBase® won
- the LLEAP-Award in the USA
- Award of Excellence in the safety category in Europe ESTA
- Baublatt Öster







Patent of

(12)

- Reg. No. 4906620, registered Mar 1 2016 in US
- EP 1925586 B1, registered Mar 2013 in EU





EP 1 925 586 B1

EUROPÄISCHE PATENTSCHRIFT

(45) Veröffentlichungstag und Bekanntmachung des Hinweises auf die Patenterteilung: 16.01.2013 Patentblatt 2013/03

B66C 23/90 (2006.01)

VarioBase

Anited States of America

United States Patent and Trademark Office

Reg. No. 4,906,620 Registered Mar. 1, 2016 89584 EHINGEN

LIEBHERR-WERK EHINGEN GMBH (FED REP GERMANY GMBH) DR.-HANS-LIEBHERR-STR. 1 FED REP GERMANY



VarioBase[®]

Thank you very much



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