

WBP-SF/MF

ADJUSTABLE BEDPLATES FOR
WITTUR WSG-SF AND WSG-MF GEARLESS LIFT MACHINES



Industrial



Transport



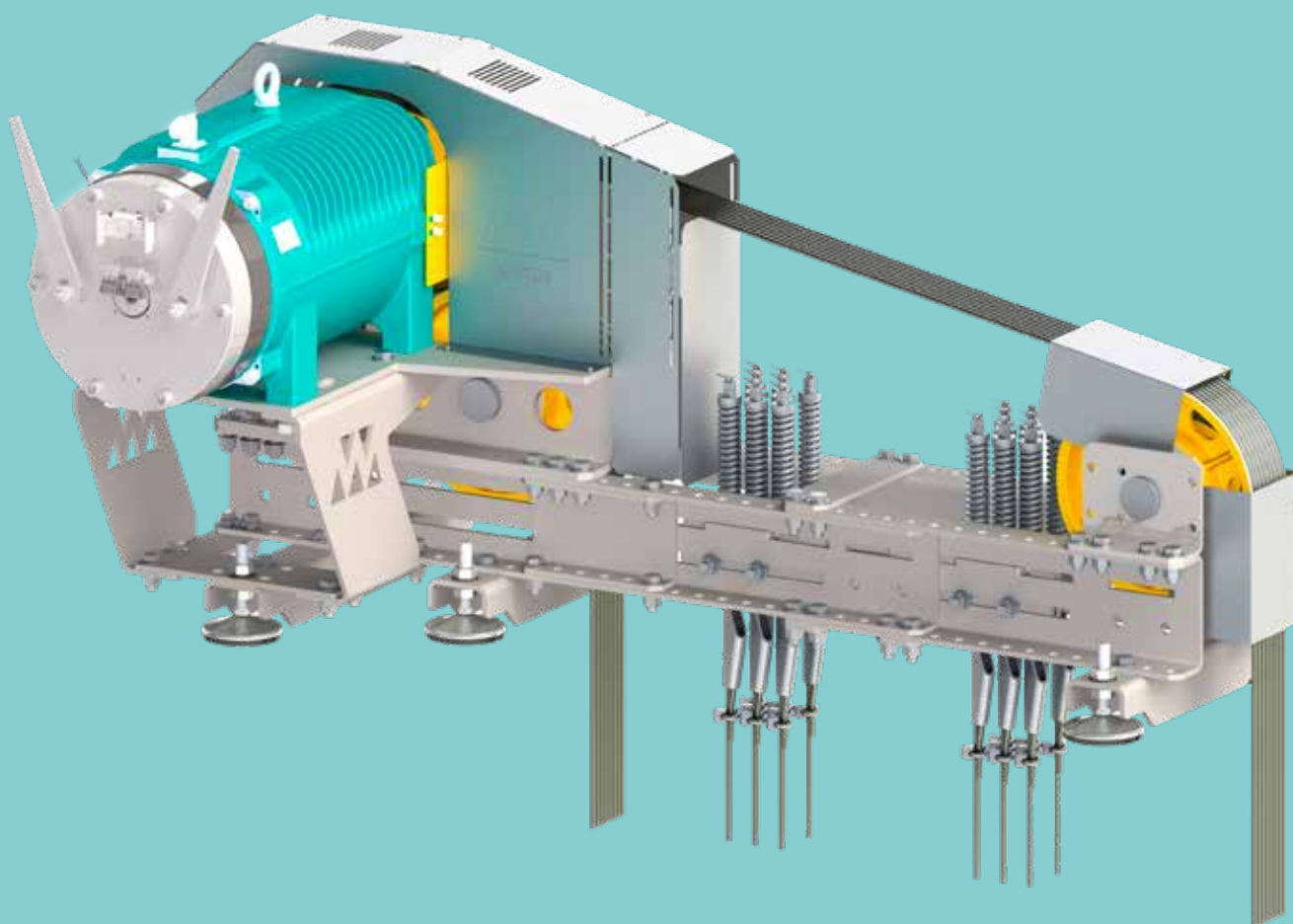
Residential



Modernization



Office



WBP-SF/MF

Wittur WBP-SF/MF is a range of adjustable screwed steel frame bedplates with included deflection sheave for steel ropes diameter 6/6,5 mm, 8 mm, 10 mm, designed specifically for the easy installation of Wittur WSG-SF and WSG-MF family of gearless lift machines, either for new elevator installation or for modernization.

Different frame types and rope configurations are available:

- High frame
- Flat frame (1:1 and 2:1)

Screwed sheet metal construction

Rope downfall (RD): 280 - 1765 mm (depending on rope course, lift machine, rope configuration and rope diameter), adjustable in 40 mm steps

Standard delivery content:

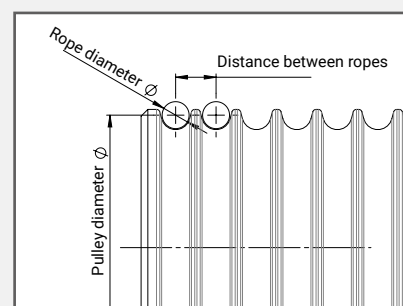
- WBP including vibration damper
- Deflection pulleys
- Rope covers

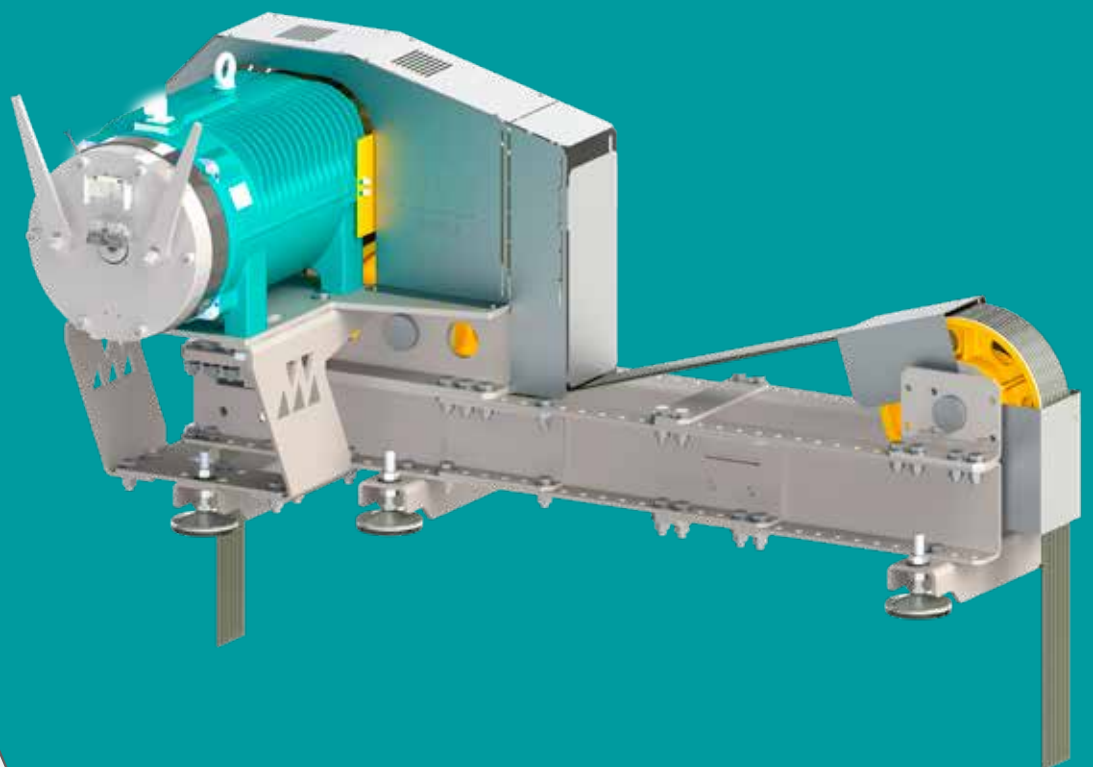
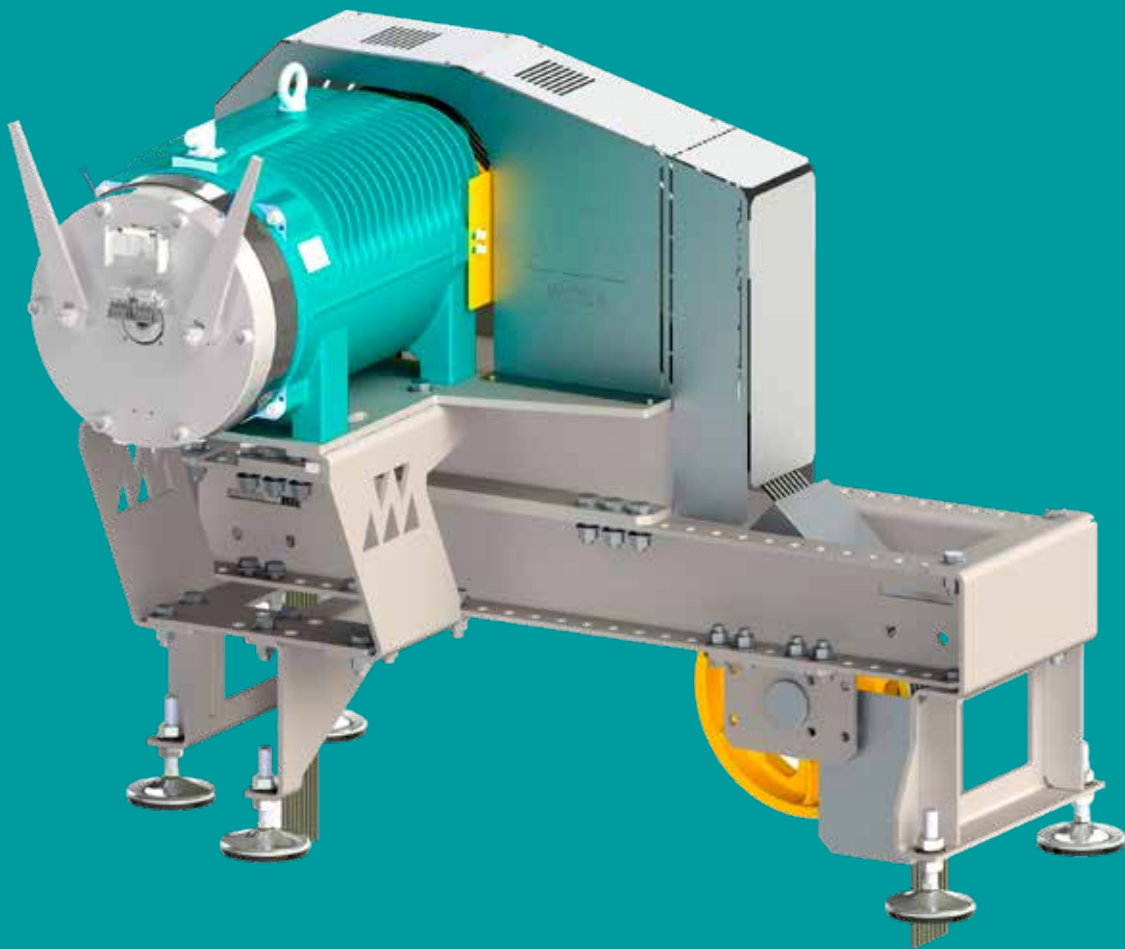
Optional delivery content:

- Rope fasteners
- Integrated rope fixing suspension for 2:1

| Steel Rope diameter [mm] | Deflection sheave diameter [mm] | Max. number of ropes [-] | Rope pitch [mm] |
|--------------------------|---------------------------------|--------------------------|-----------------|
| 6/6,5 | 240 | 8 | 11 |
| 8 | 330 | 8 | 12 |
| 10 | 410 | 5 | 16 |

| Typical rated loads | 1:1 | 2:1 |
|---------------------|--------|---------|
| WSG-SF | 675 kg | 1500 kg |
| WSG-MF | 850 kg | 1800 kg |

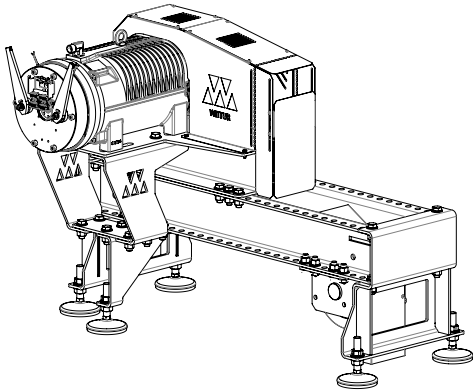




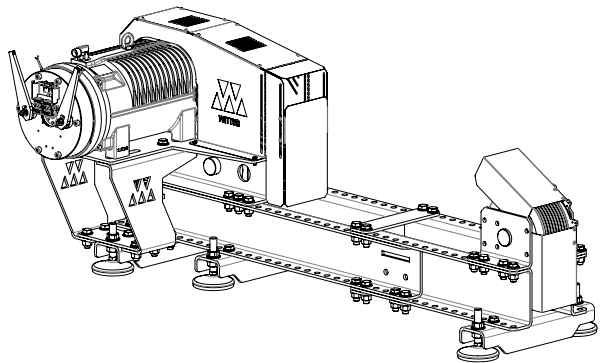
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Flexible solutions to cover all main machine room layouts

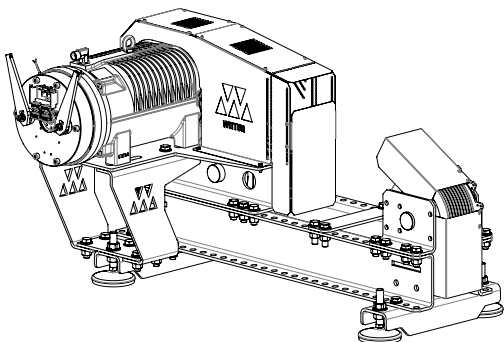
High Frame suspension 1:1



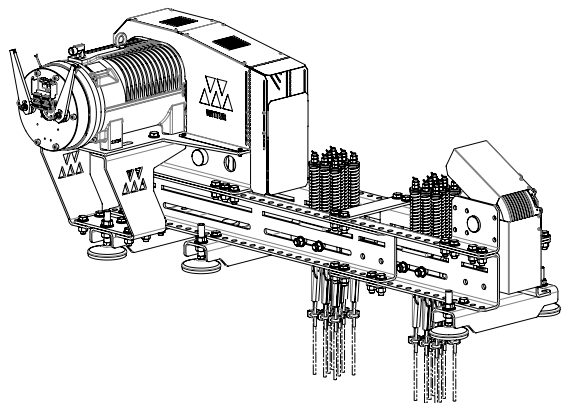
Flat Frame extensible suspension 1:1



Flat Frame standard suspension 1:1

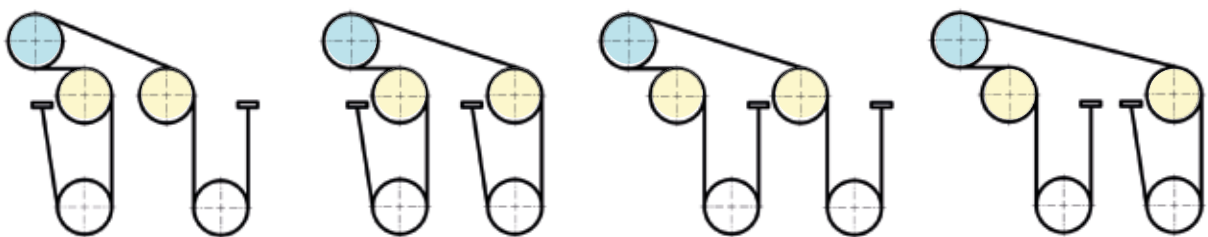


Flat Frame extensible suspension 2:1

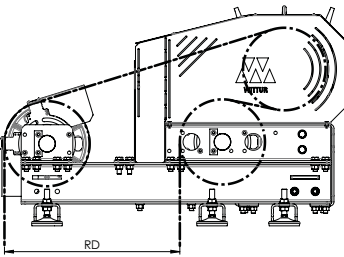
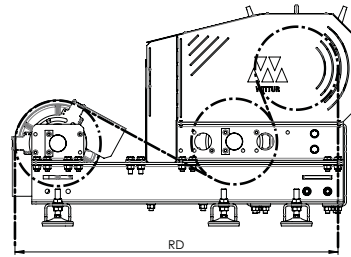


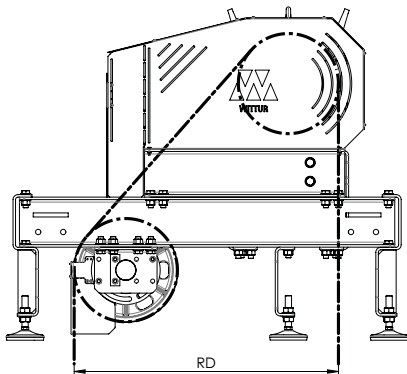
FLAT FRAME EXECUTION: MULTIPLE LAYOUT POSSIBILITIES

Different positions of the diverting pulleys allow multiple layout possibilities for suspension 2:1



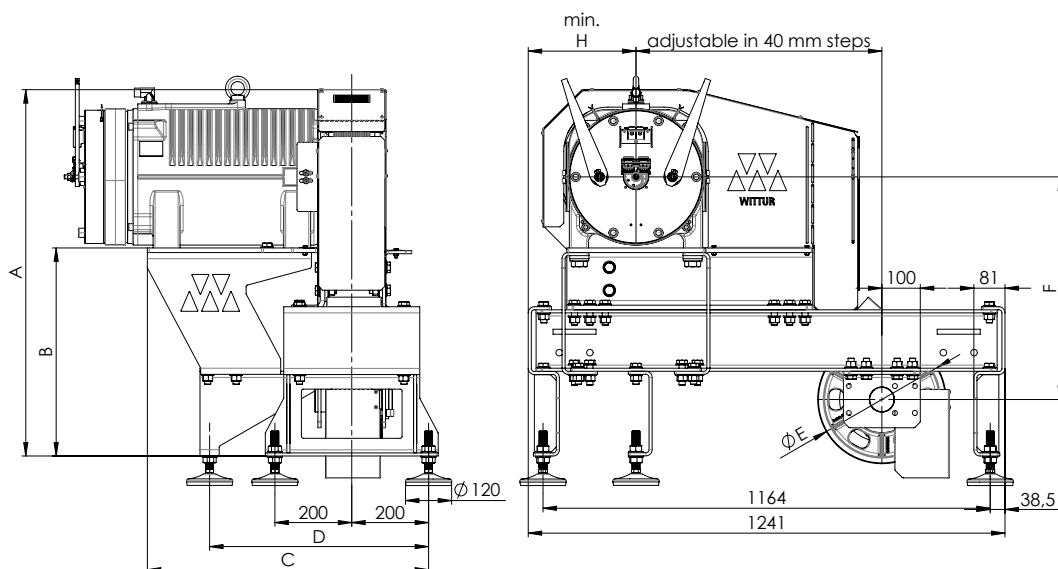
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| Gearless lift machine type | Steel rope diameter [mm] | Deflection sheave diameter [mm] | Version | FF1 (Rope course 1) | | FF2 (Rope course 2) | |
|----------------------------|--------------------------|---------------------------------|----------|--|----------|---|----------|
| | | | |  | |  | |
| | | | | Rope downfall range RD 1:1 [mm] (adjustable in 40 mm steps) | | | |
| | | | | min [mm] | max [mm] | min [mm] | max [mm] |
| WSG-SF 1/2/3/S/4 | 6/6,5 | 240 | standard | 280 | 760 | 760 | 1200 |
| | | | extended | | 1200 | | 1640 |
| | 8 | 330 | standard | 360 | 640 | 1005 | 1285 |
| | | | extended | | 1080 | | 1725 |
| WSG-MF 1/2/3 | 6/6,5 | 240 | standard | 280 | 800 | 800 | 1160 |
| | | | extended | | 1240 | | 1600 |
| | 8 | 330 | standard | 360 | 680 | 925 | 1245 |
| | | | extended | | 1120 | | 1685 |
| | 10 | 410 | standard | 440 | 560 | 1205 | 1325 |
| | | | extended | | 1000 | | 1765 |

| Gearless lift machine type | Steel rope diameter [mm] | Deflection sheave diameter [mm] | HF1 (Rope course 3) | |
|----------------------------|--------------------------|---------------------------------|--|----------|
| | | |  | |
| | | | Rope downfall range RD 1:1 [mm] (adjustable in 40 mm steps) | |
| | | | min [mm] | max [mm] |
| WSG-SF 1/2/3/S/4 | 6/6,5 | 240 | 480 | 1005 |
| | 8 | 330 | 565 | 1005 |
| WSG-MF 1/2/3 | 6/6,5 | 240 | 520 | 960 |
| | 8 | 330 | 605 | 1005 |
| | 10 | 410 | 685 | 1005 |

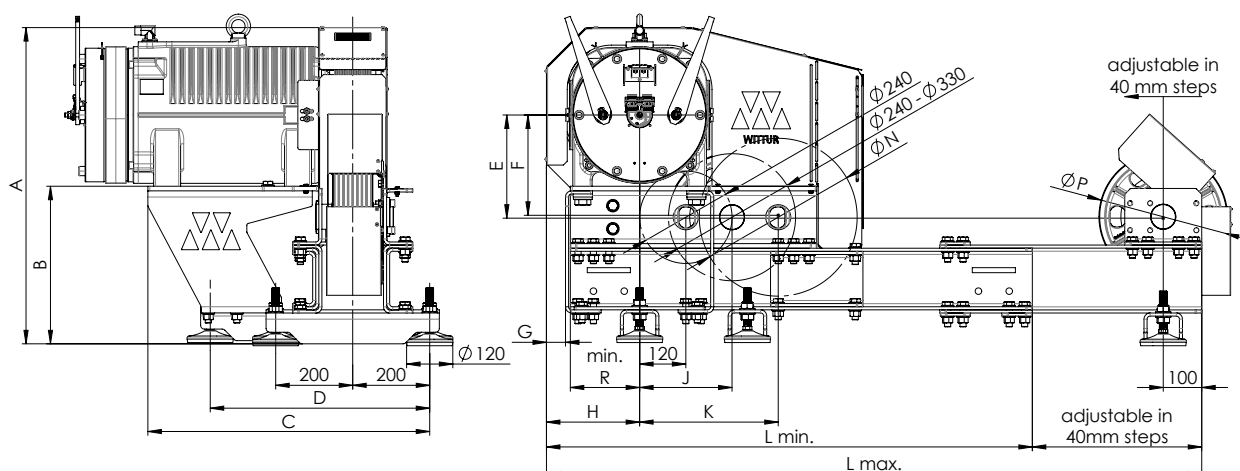
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High Frame Execution: Dimensions



| [mm] | SF | MF |
|--------|-----------|-----------|
| A | 830 | 954 |
| B | 514 | 542 |
| C | 637 | 732 |
| D | 490 | 570 |
| Ø E | 240 - 330 | 240 - 410 |
| F | 502 | 580 |
| H min. | 200,5 | 280,5 |

Flat Frame Execution: Dimensions



| [mm] | A | B | C | D | E | F | G | H | J | K | L min | L max | Ø N | Ø P | R min |
|---------|-----|-----|-----|-----|-----|-----|----|-----|-----|-----|-------|-------|-----------|-----------|-------|
| SF. Std | 689 | 373 | 637 | 490 | 202 | 195 | 34 | 176 | 200 | 320 | 1.236 | 1.676 | N/A | 240-330 | 140 |
| SF. Ext | 698 | 381 | | | | 186 | | | | | | | | | |
| MF. Std | 813 | 401 | 732 | 570 | 273 | 266 | 50 | 242 | 240 | 360 | 1.262 | 1.702 | 240 - 410 | 240 - 410 | 180 |
| MF. Ext | 821 | 409 | | | 264 | | | | | | | | | | |

STD = Standard
EXT = Extensible



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WBP-SF/MF - SB.5.006535 EN - English - March 2023

Subject to change without notice!