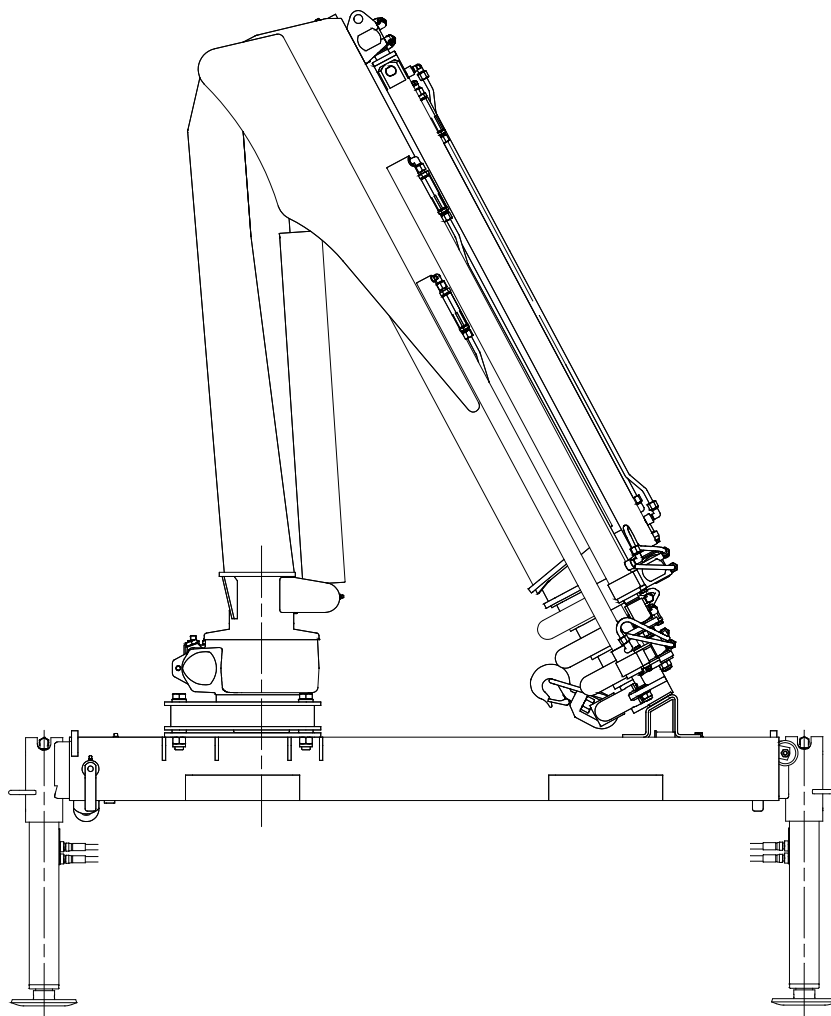


## TECHNICAL SHEET



**420**

Cod.: MP.0.242 US  
Rev.: 0



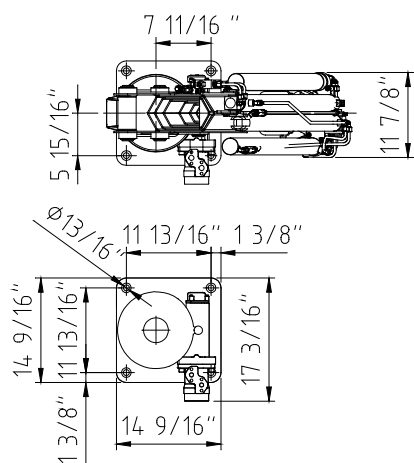
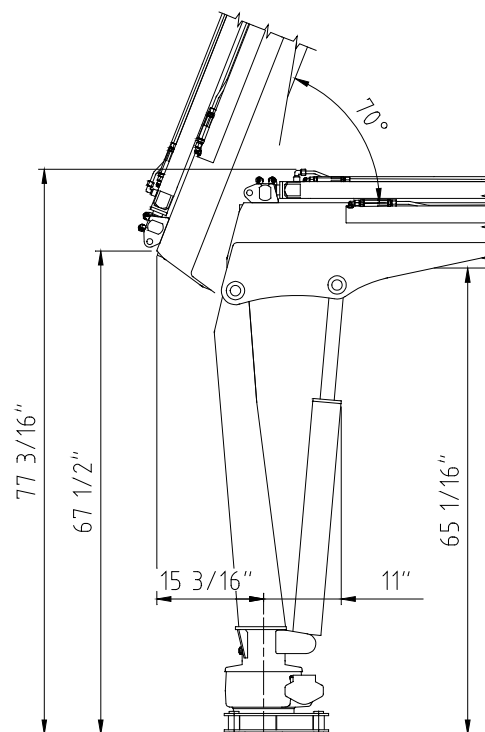
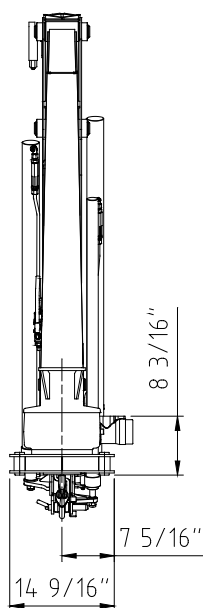
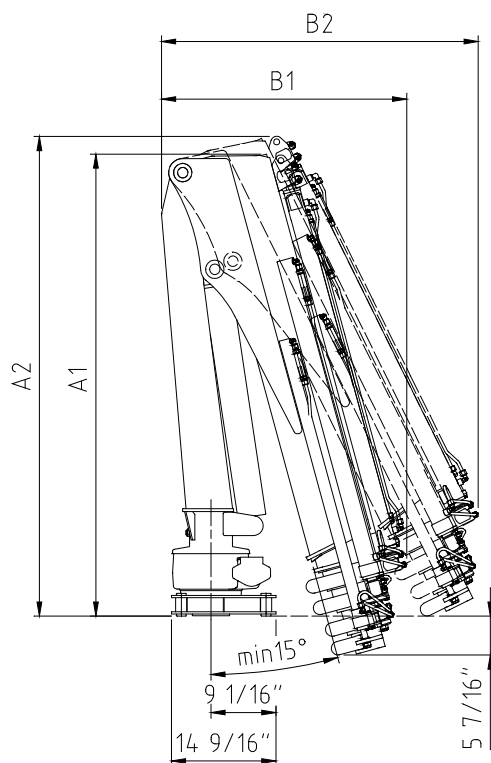
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# STANDARD CRANE

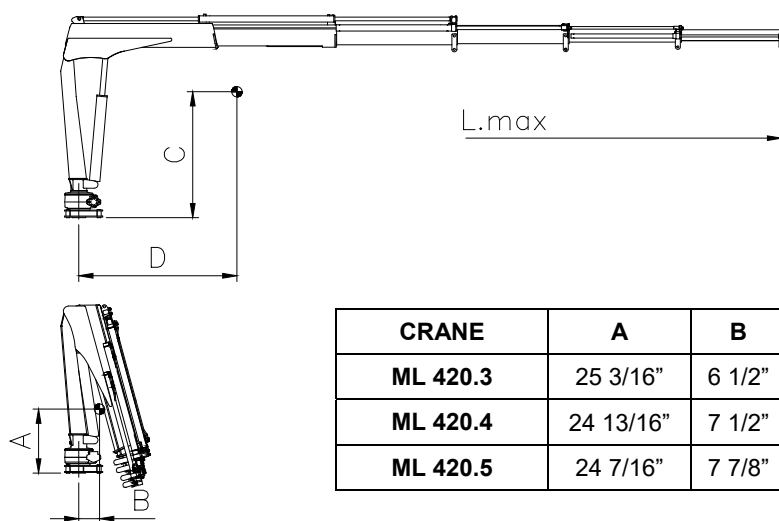
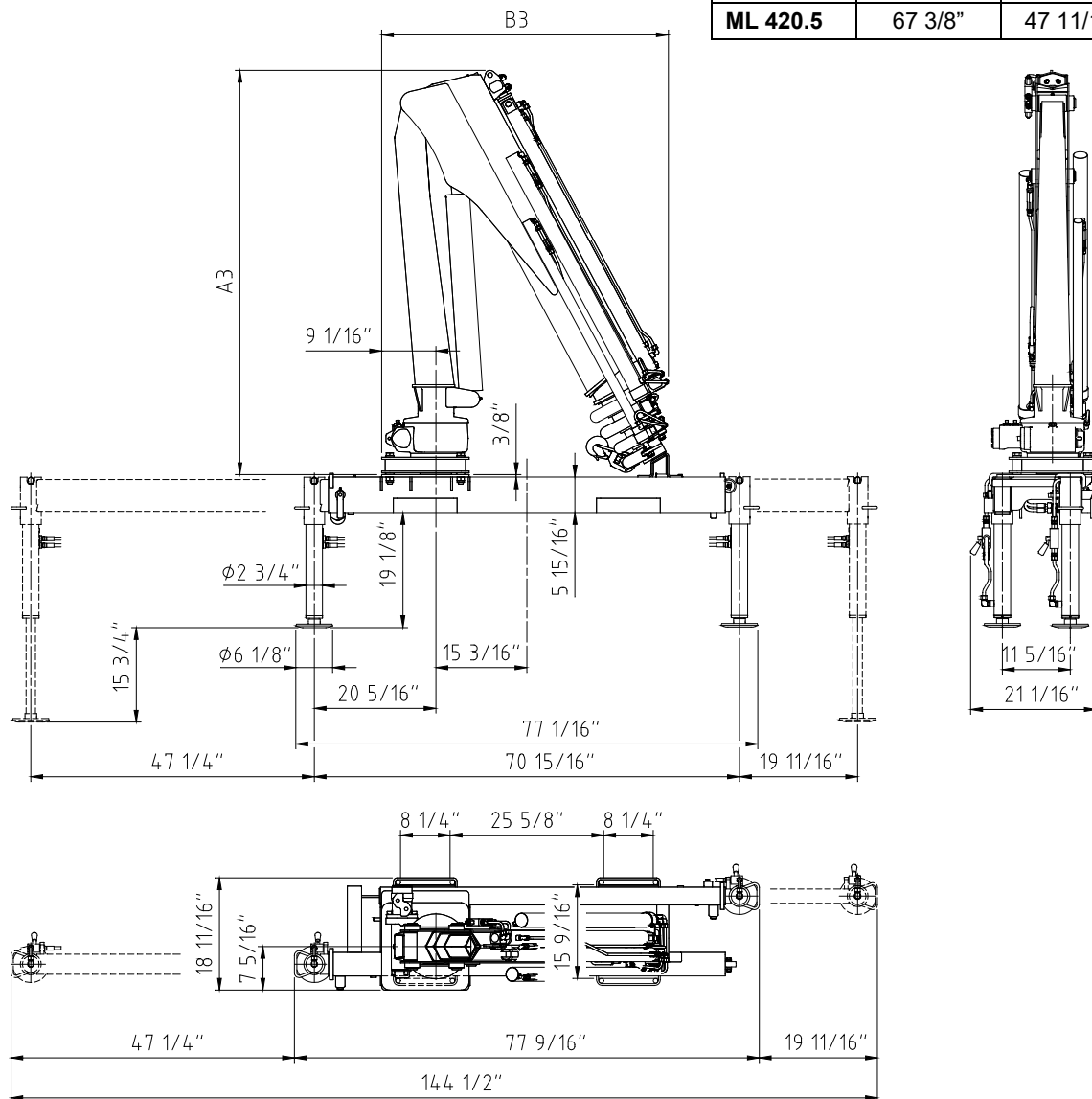
## DIMENSIONS

| CRANE    | A1      | A2        | B1      | B2       |
|----------|---------|-----------|---------|----------|
| ML 420.3 | 64 5/8" | 64 5/8"   | 34 1/4" | 34 1/4"  |
| ML 420.4 | 64 5/8" | 65 13/16" | 34 1/4" | 40 9/16" |
| ML 420.5 | 64 5/8" | 67"       | 34 1/4" | 44 1/8"  |



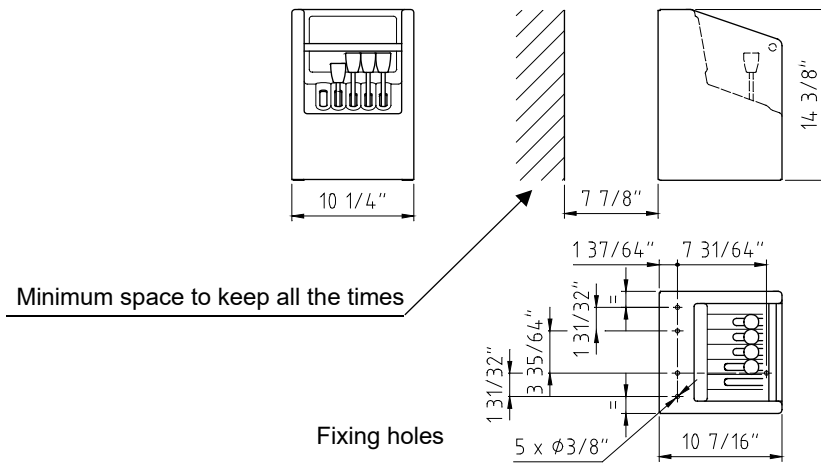
**WITH STABILIZER  
OUTRIGGER BASE**

| CRANE    | A3        | B3        |
|----------|-----------|-----------|
| ML 420.3 | 64 5/8"   | 36 1/4"   |
| ML 420.4 | 65 13/16" | 40 3/16"  |
| ML 420.5 | 67 3/8"   | 47 11/16" |

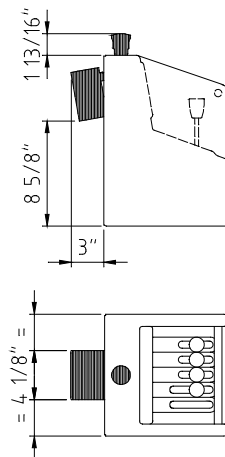


| CRANE    | A         | B      | C        | D        | L max      |
|----------|-----------|--------|----------|----------|------------|
| ML 420.3 | 25 3/16"  | 6 1/2" | 44 1/2"  | 37 1/16" | 185 15/16" |
| ML 420.4 | 24 13/16" | 7 1/2" | 46 7/8"  | 50 7/16" | 228 1/8"   |
| ML 420.5 | 24 7/16"  | 7 7/8" | 48 1/16" | 60 5/16" | 267 15/16" |

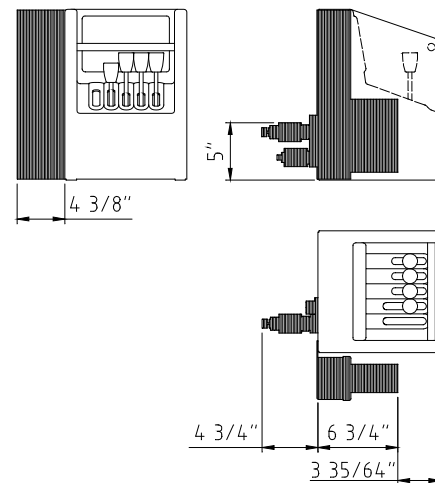
## Standard control station



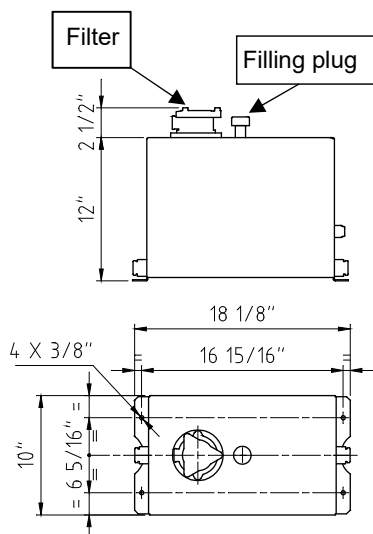
## Version with slew limiter or winch



## With proportional remote control

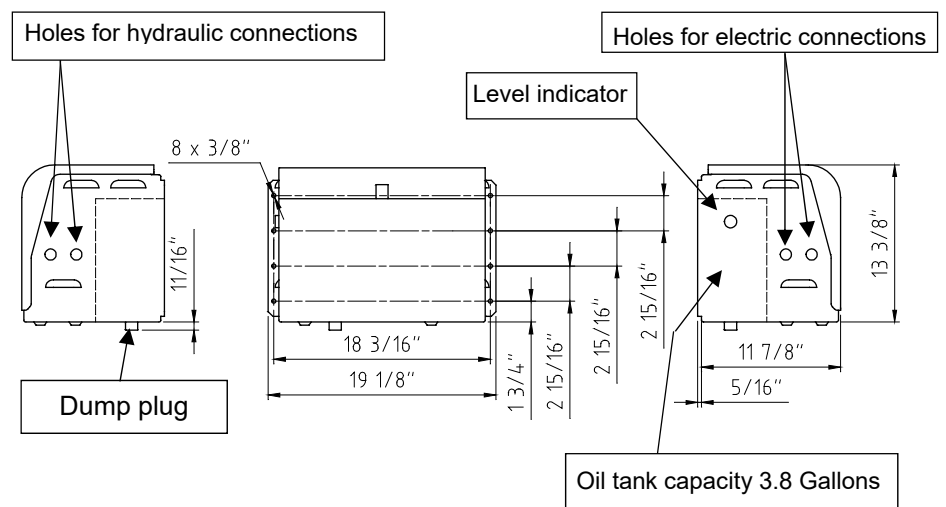


## Oil tank for H version



Oil tank capacity 7.9 Gallons

## Power pack (E version)



Oil tank capacity 3.8 Gallons

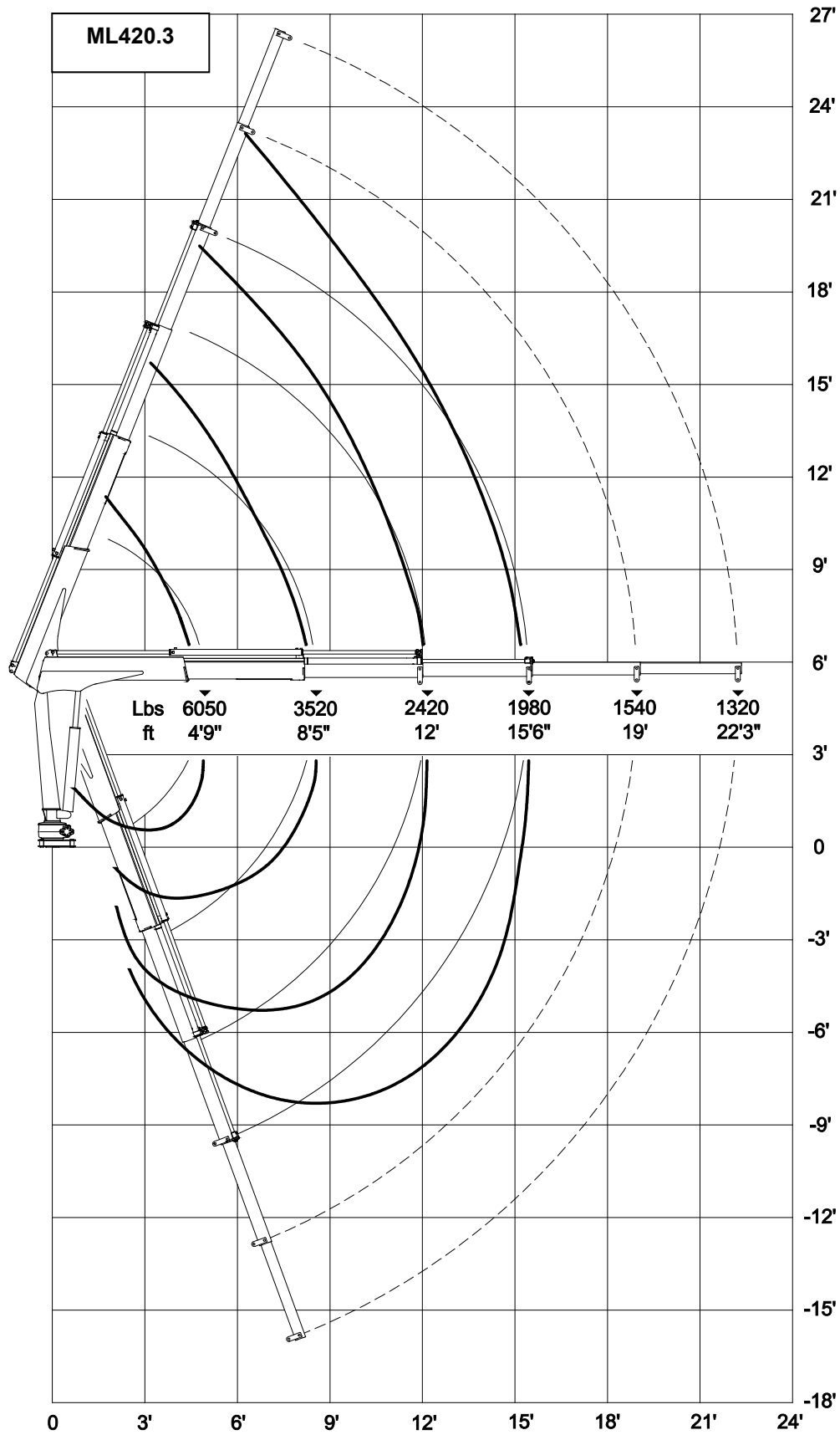
| TECHNICAL DATA                               | U.M.         | VERSION  |          |         |
|----------------------------------------------|--------------|----------|----------|---------|
|                                              |              | ML 420.3 | ML 420.4 | ML420.5 |
| CRANE RATING                                 | ft lbs       | 30240    |          |         |
| STANDARD EXTENSIONS Nr (HYDRAULICS)          | N°           | 3H       | 4H       | 5H      |
| STANDARD OUTREACH                            | ft           | 15' 6"   | 19'      | 22'     |
| SLEWING ANGLE                                | °            | 360°     |          |         |
| MAXIMUM ANGLE SLOPE                          | °            | 5°       |          |         |
| SLEWING TORQUE                               | ft lbs       | 3540     |          |         |
| MAX. LIFTING HEIGHT FROM CRANE BASE CRANE    | ft           | 19' 7"   | 23'      | 26' 2"  |
| SUGGESTED OIL FLOW                           | gpm          | 3.2÷4    |          |         |
| MAX. WORKING PRESSURE                        | p.s.i        | 3190     |          |         |
| BASIC CRANE WEIGHT<br>VERS. "H"<br>VERS. "E" | lbs          | 730      | 803      | 847     |
|                                              |              | 774      | 851      | 891     |
| BASE WEIGHT WITH EXTENDABLE STABILIZERS      | lbs          | 374      |          |         |
| MOTOR ABSORPTION FOR ELECTROHYDR. CRANE 24V  | A<br>min/max | 50/180   | -        | -       |
| MOTOR ABSORPTION FOR ELECTROHYDR. CRANE 12V  | A<br>min/max | 90/350   | -        | -       |

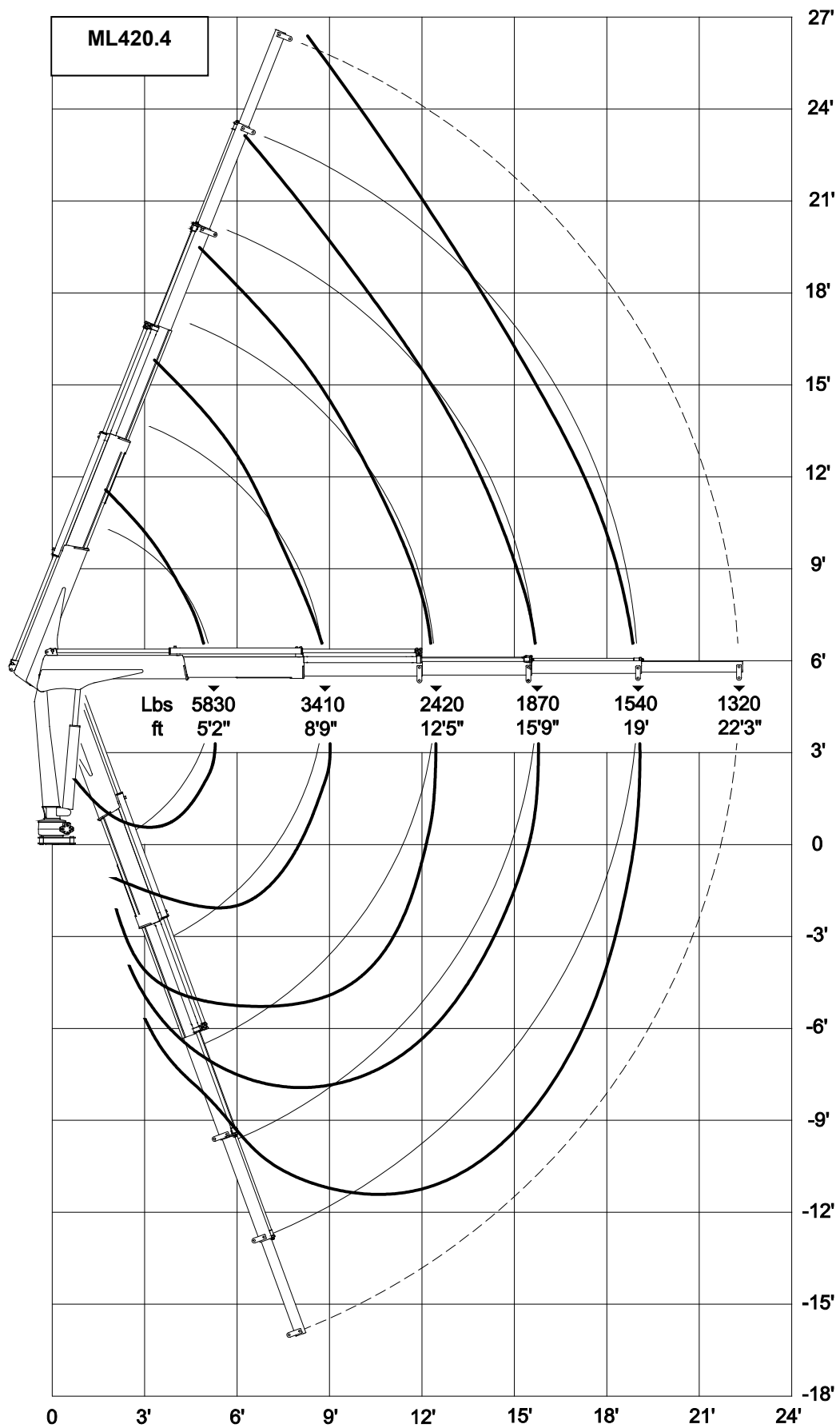
| WINCH SPECIFICATIONS                                    | U.M.   |       |
|---------------------------------------------------------|--------|-------|
| MAX. WINCH SINGLE LINE CAPACITY (3 <sup>rd</sup> LAYER) | lbs    | 2200  |
| ROPE DIAMETER                                           | inches | 5/16" |
| ROPE LENGTH                                             | ft     | 98    |
| WINCH KIT WEIGHT                                        | lbs    | 165   |

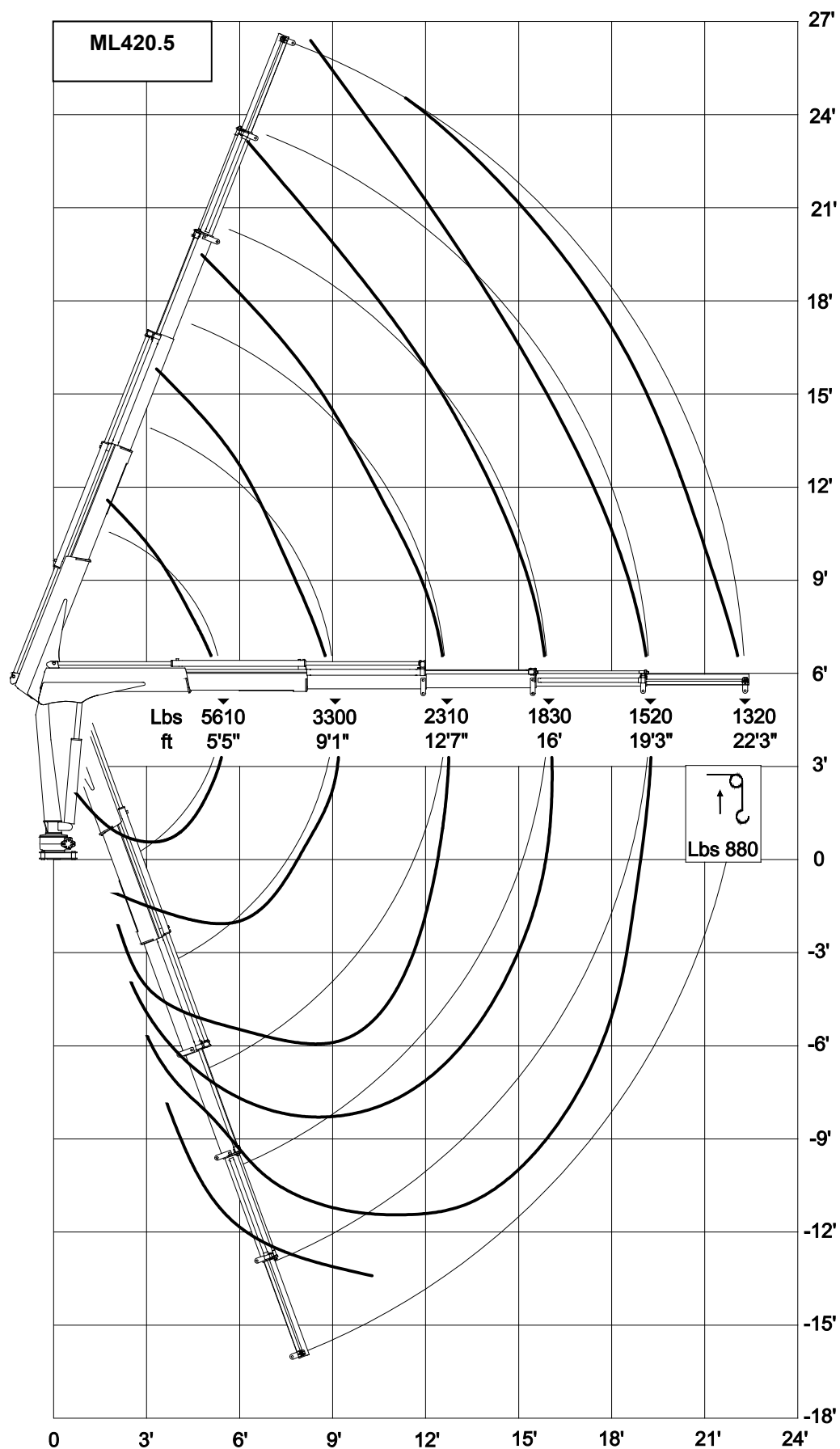
| VERSION | DESCRIPTION                   |
|---------|-------------------------------|
| "E" 24V | ELECTROHYDRAULIC (ONLY 420.3) |
| "E" 12V | ELECTROHYDRAULIC (ONLY 420.3) |
| "H"     | HYDRAULIC (PTO DRIVES)        |

| OPERATING TIMES |                          |                           |       |                              |                                  |       |       |                                  |       |
|-----------------|--------------------------|---------------------------|-------|------------------------------|----------------------------------|-------|-------|----------------------------------|-------|
| VERS.           | ROTAZ.<br>SLEW.<br>(rpm) | SOLLEV.<br>LIFT.<br>(sec) |       | DISCESA<br>LOWERING<br>(sec) | USCITA<br>EXTENSION OUT<br>(sec) |       |       | RIENTRO<br>EXTENSION IN<br>(sec) |       |
|                 |                          | p min                     | p max |                              | 420.3                            | 420.4 | 420.5 | 420.3                            | 420.4 |
| "E" 12V-24V     | 1.5                      | 27                        | 40    | 18                           | 40                               | -     | -     | 23                               | -     |
| "H" (PTO)       | 1.6                      | 23                        |       | 18                           | 32                               | 39    | 43    | 19                               | 23    |

p min: min. working pressure  
p max: max. working pressure







Classe sollev.  
Lifting class

**HC1 – HD4**



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