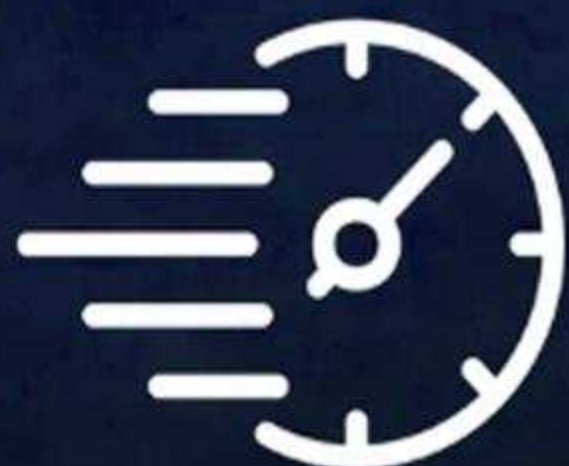


# DUMP TRAILER HYDRAULIC SCISSOR HOIST KIT

**EFFORTLESS POWER AT YOUR FINGERTIPS**

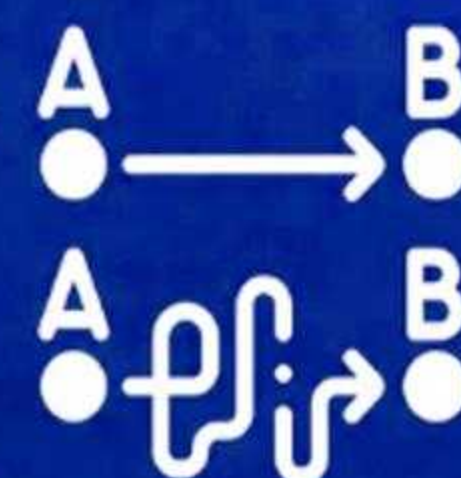
- **HIGH FLEXIBILITY**
- **MULTIPLE INSTALLATION METHODS**
- **HIGH OUTPUT TORQUE**



**FAST DELIVERY**



**HIGH QUALITY**



**EASY OPERATION**



**PH310**

**PH416**

**PH516**

**PH520**

**PH616**

**PH620**

**PH621**

**PH625**

**PH630**

Email: [jason@hydraulicapex.com](mailto:jason@hydraulicapex.com)

Phone: +86 18253181828

Web: [www.hydraulicapex.com](http://www.hydraulicapex.com)

Address: East Office Building, 45 Beijing Road, Qianwan  
Bonded Port Area, Qingdao, China (Shandong) Pilot Free  
Trade Zone, 2024-0255 (A)

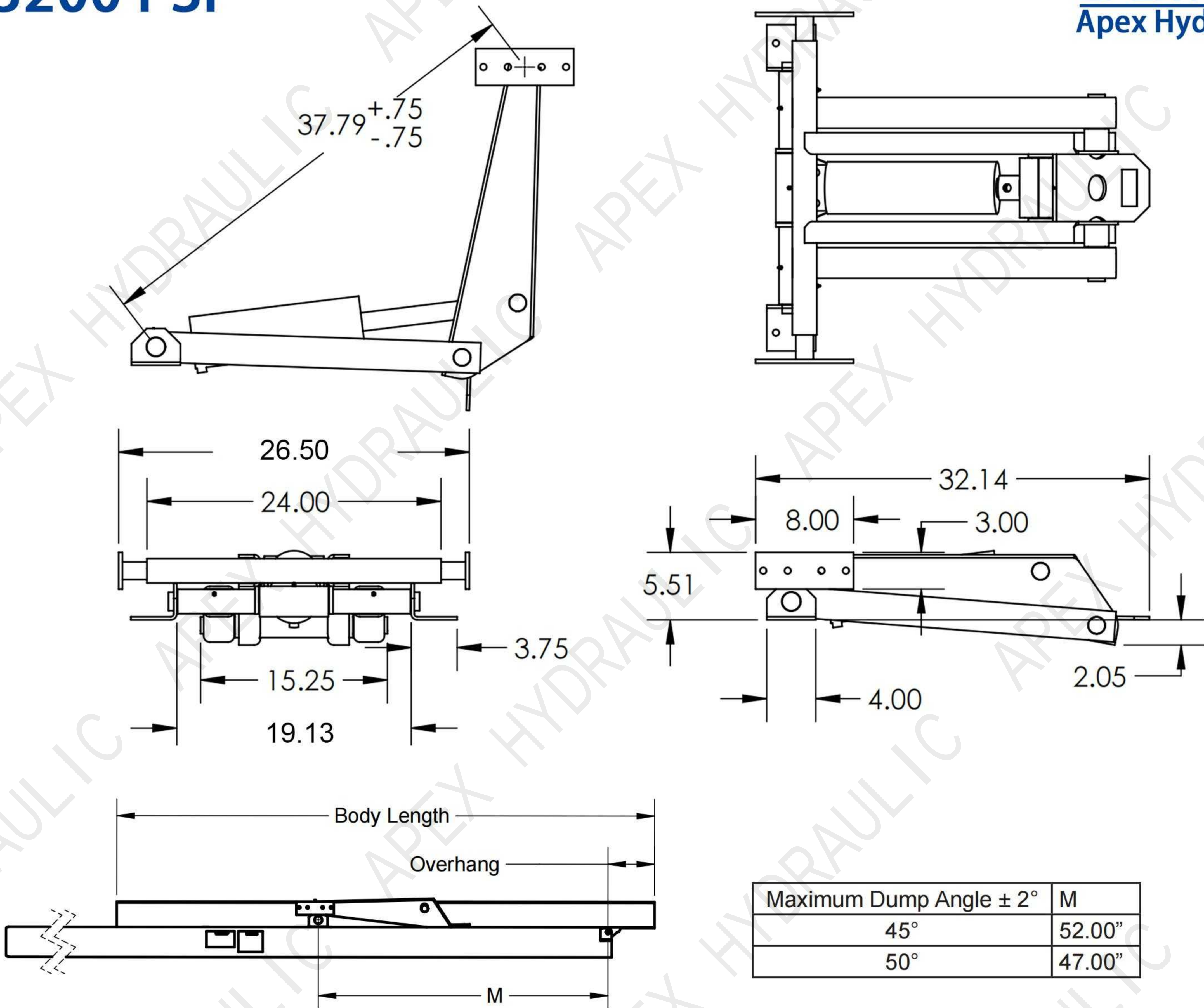


**APEX HYDRAULIC**  
Apex Hydraulic Co.,Ltd

PH310  
3200 PSI



apex HYDRAULIC  
Apex Hydraulic Co.,Ltd



IMPORTANT: Because of variations in application, the data contained in these tables is provided as a general guide only.

| PH310 Hoist Capacity (Tons) |                             |                      |     |
|-----------------------------|-----------------------------|----------------------|-----|
| “A”<br>Body<br>(Feet)       | “B”<br>Overhang<br>(Inches) | Dump Angle (Degrees) |     |
|                             |                             | 45°                  | 50° |
| 8                           | 12                          | 3.7                  | 3.3 |
| 8                           | 18                          | 4.4                  | 4.0 |
| 8                           | 24                          | 5.5                  | 4.9 |
| 9                           | 12                          | 3.2                  | 2.8 |
| 9                           | 18                          | 3.7                  | 3.3 |
| 9                           | 24                          | 4.4                  | 4.0 |
| 10                          | 12                          | 2.8                  | 2.5 |
| 10                          | 18                          | 3.2                  | 2.8 |
| 10                          | 24                          | 3.7                  | 3.3 |

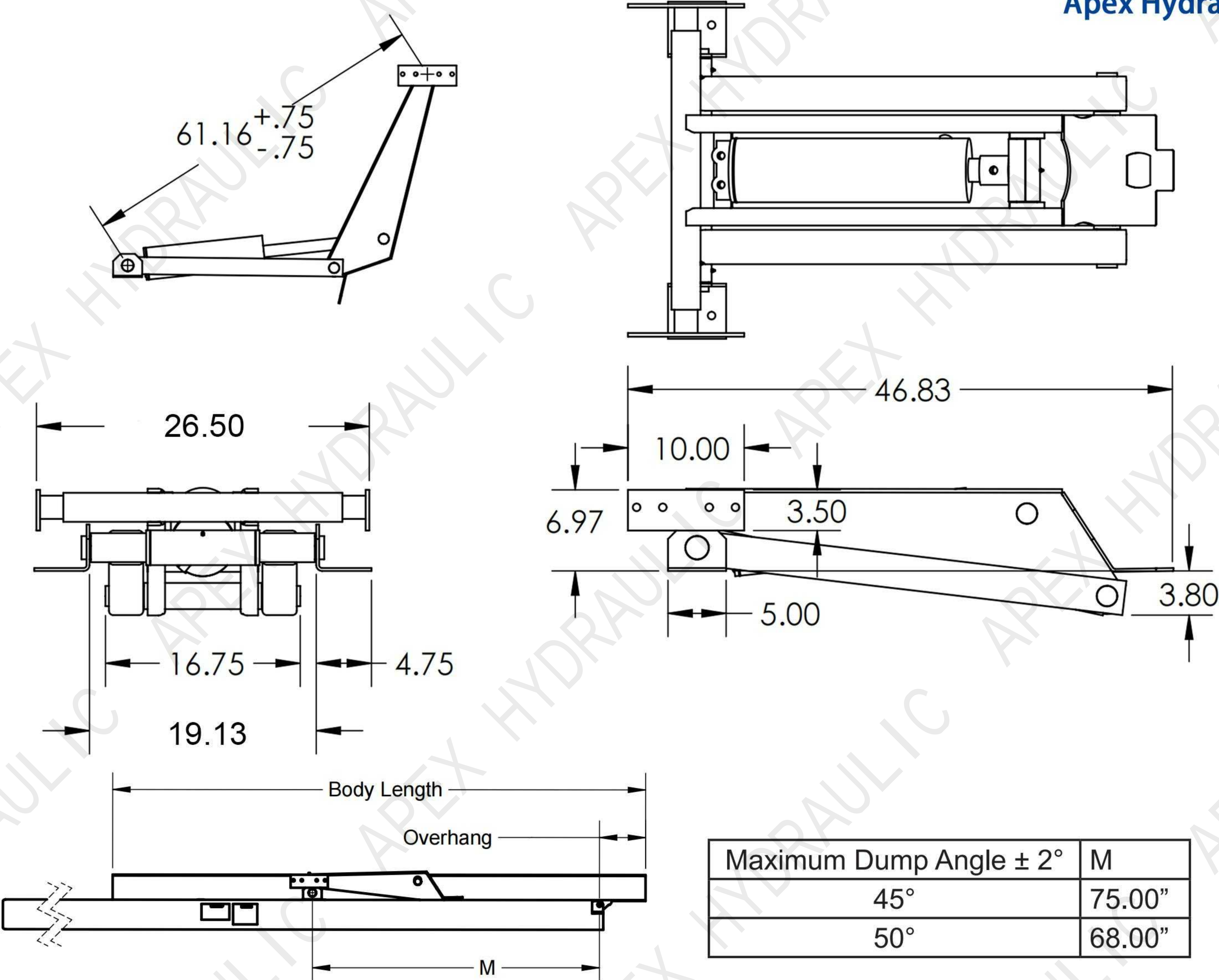
All numbers are for reference only, please consult our engineer for details

PH310 HOIST DIMENSIONS AND CAPACITY

PH416  
3200 PSI



apex HYDRAULIC  
Apex Hydraulic Co.,Ltd



IMPORTANT: Because of variations in application, the data contained in these tables is provided as a general guide only.

| PH416 Hoist Capacity (Tons) |                             |                      |      |
|-----------------------------|-----------------------------|----------------------|------|
| "A"<br>Body<br>(Feet)       | "B"<br>Overhang<br>(Inches) | Dump Angle (Degrees) |      |
|                             |                             | 45°                  | 50°  |
| 10                          | 12                          | 9.3                  | 8.4  |
| 10                          | 18                          | 10.6                 | 9.6  |
| 10                          | 24                          | 12.4                 | 11.2 |
| 12                          | 12                          | 7.4                  | 6.7  |
| 12                          | 18                          | 8.3                  | 7.5  |
| 12                          | 24                          | 9.3                  | 8.4  |
| 14                          | 12                          | 6.2                  | 5.6  |
| 14                          | 18                          | 6.8                  | 6.1  |
| 14                          | 24                          | 7.4                  | 6.7  |

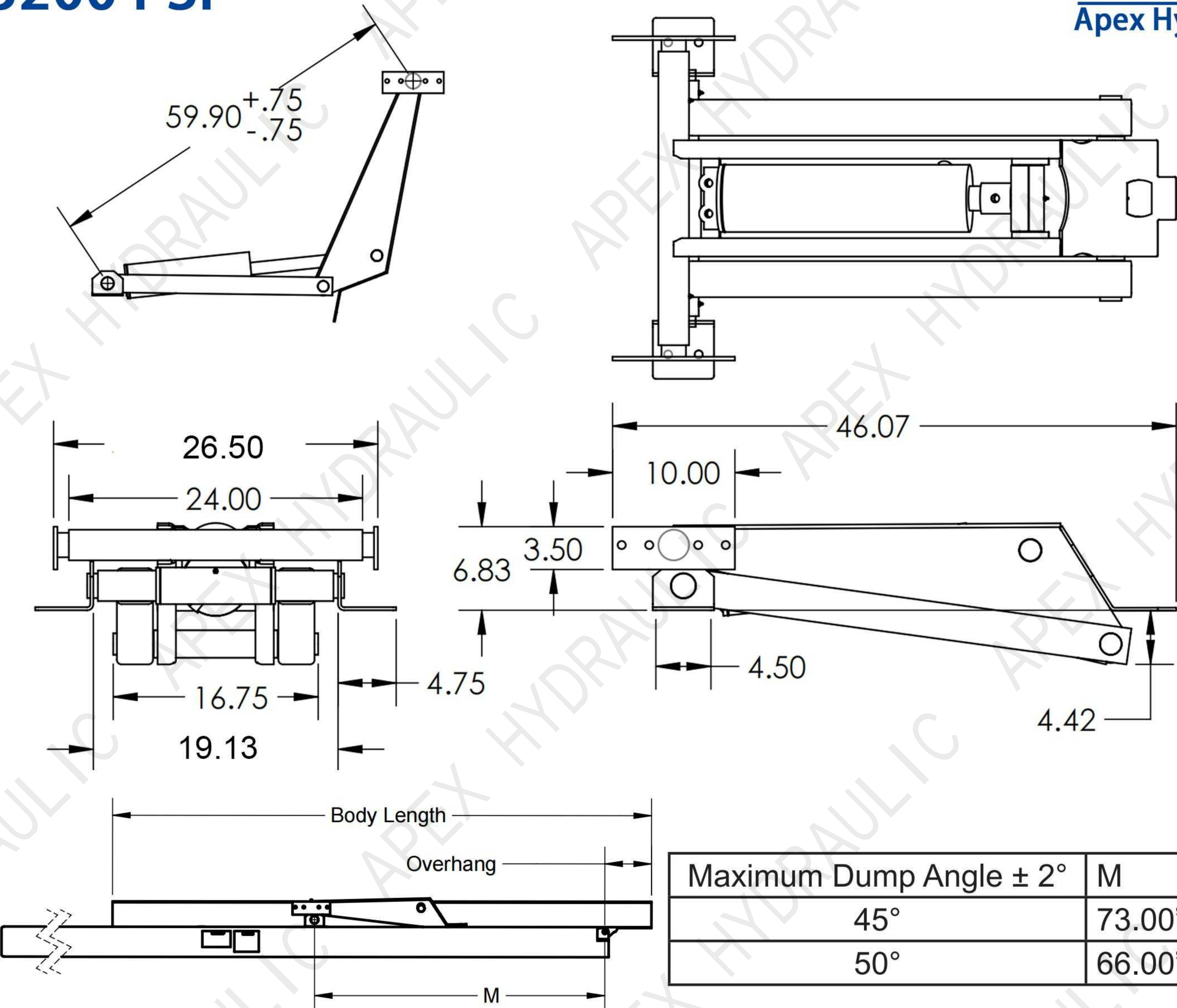
All numbers are for reference only, please consult our engineer for details

PH416 HOIST DIMENSIONS AND CAPACITY

PH516  
3200 PSI



apex HYDRAULIC  
Apex Hydraulic Co.,Ltd



| Maximum Dump Angle ± 2° | M      |
|-------------------------|--------|
| 45°                     | 73.00" |
| 50°                     | 66.00" |

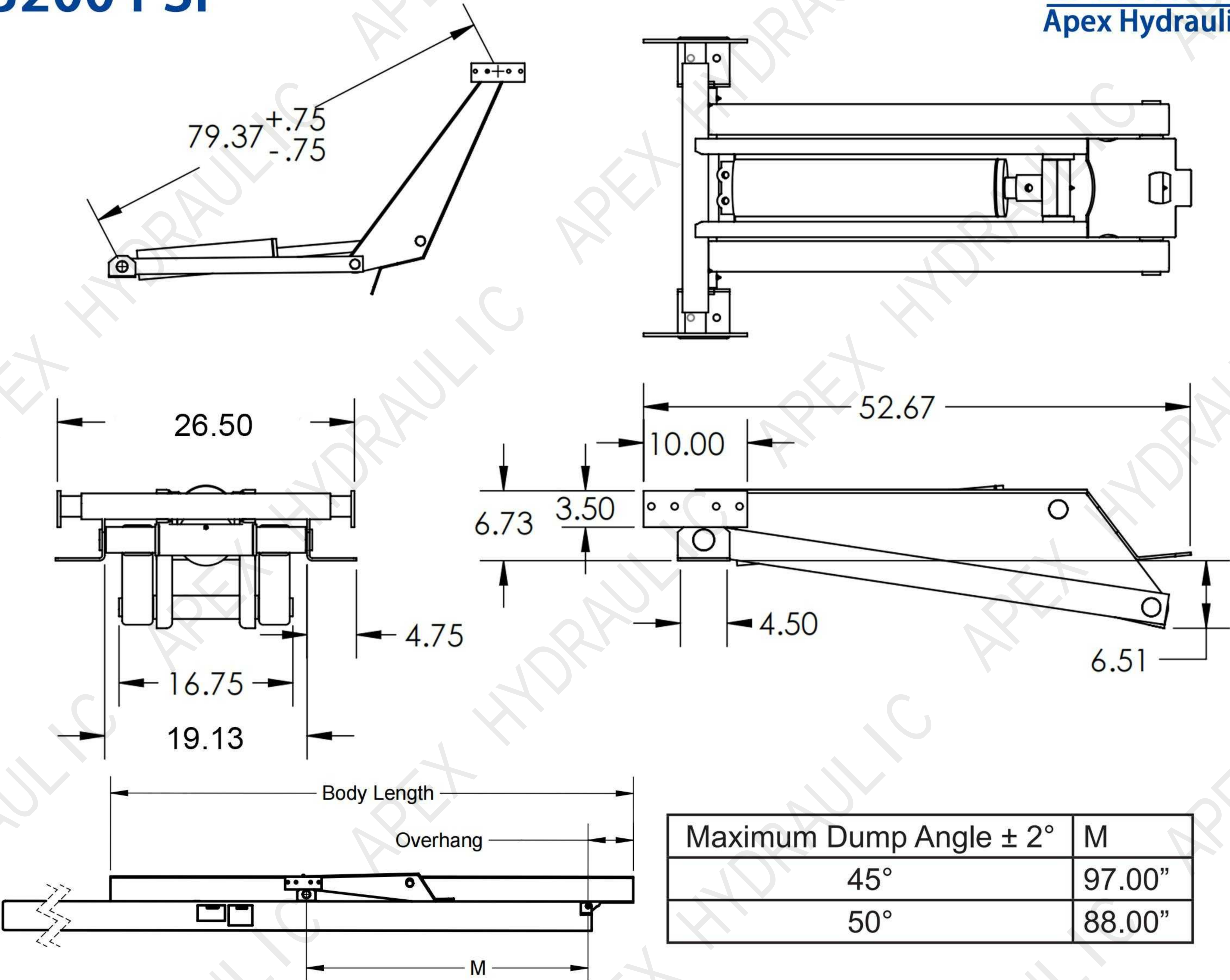
**IMPORTANT:** Because of variations in application, the data contained in these tables is provided as a general guide only.

| PH516 Hoist Capacity (Tons) |                             |                      |      |
|-----------------------------|-----------------------------|----------------------|------|
| “A”<br>Body<br>(Feet)       | “B”<br>Overhang<br>(Inches) | Dump Angle (Degrees) |      |
|                             |                             | 45°                  | 50°  |
| 10                          | 12                          | 9.7                  | 8.8  |
| 10                          | 18                          | 11.1                 | 10.0 |
| 10                          | 24                          | 12.9                 | 11.7 |
| 12                          | 12                          | 7.7                  | 7.0  |
| 12                          | 18                          | 8.6                  | 7.8  |
| 12                          | 24                          | 9.7                  | 8.8  |
| 14                          | 12                          | 6.5                  | 5.8  |
| 14                          | 18                          | 7.0                  | 6.4  |
| 14                          | 24                          | 7.8                  | 7.0  |

All numbers are for reference only, please consult our engineer for details

PH516 HOIST DIMENSIONS AND CAPACITY

PH520  
3200 PSI



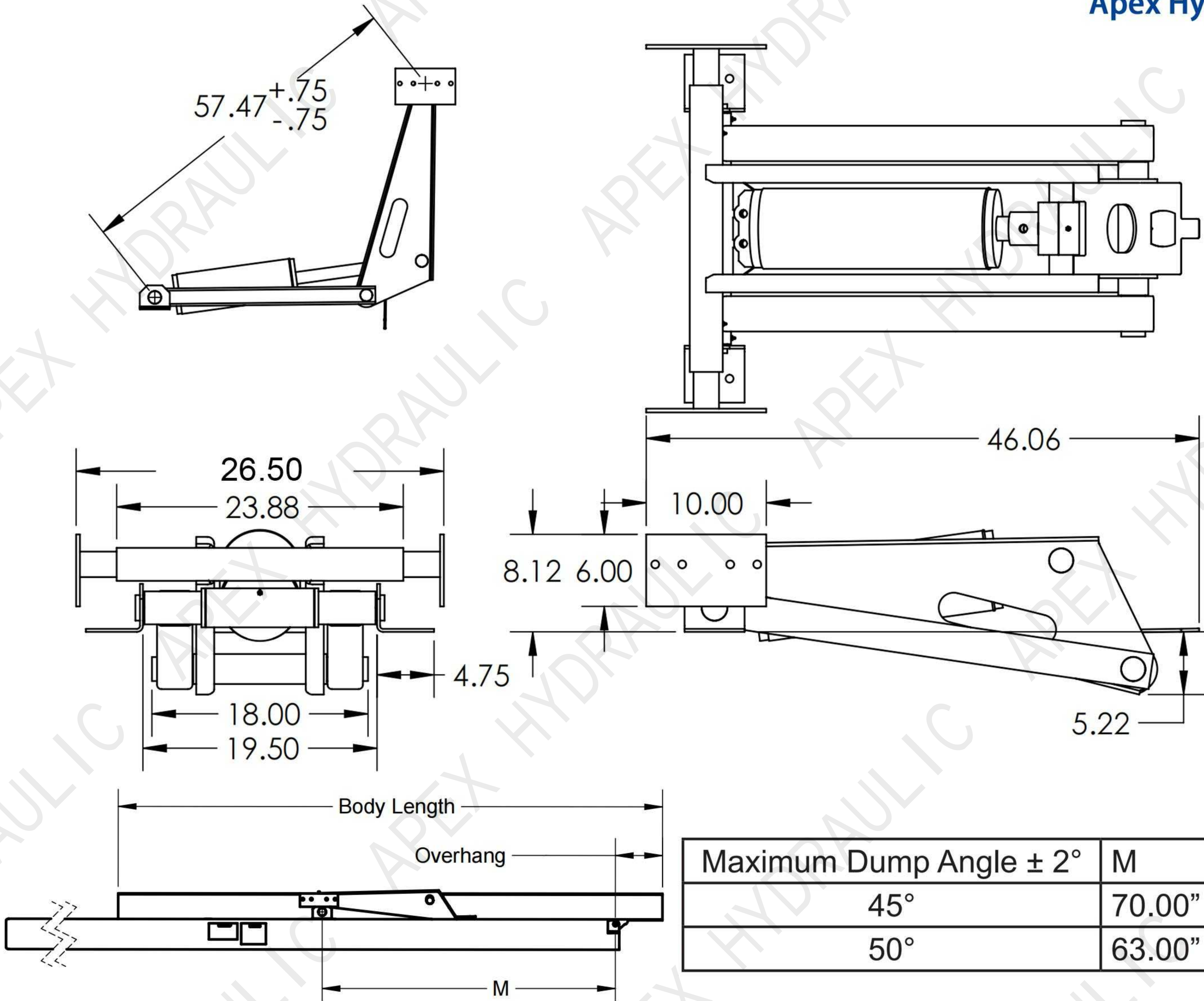
**IMPORTANT:** Because of variations in application, the data contained in these tables is provided as a general guide only.

| PH520 Hoist Capacity (Tons) |                             |                      |      |
|-----------------------------|-----------------------------|----------------------|------|
| “A”<br>Body<br>(Feet)       | “B”<br>Overhang<br>(Inches) | Dump Angle (Degrees) |      |
|                             |                             | 45°                  | 50°  |
| 12                          | 12                          | 10.3                 | 9.3  |
| 12                          | 18                          | 11.4                 | 10.4 |
| 12                          | 24                          | 12.9                 | 11.7 |
| 14                          | 12                          | 8.6                  | 7.8  |
| 14                          | 18                          | 9.3                  | 8.5  |
| 14                          | 24                          | 10.3                 | 9.3  |
| 16                          | 12                          | 7.3                  | 6.7  |
| 16                          | 18                          | 7.9                  | 7.2  |
| 16                          | 24                          | 8.6                  | 7.8  |

All numbers are for reference only, please consult our engineer for details

PH520 HOIST DIMENSIONS AND CAPACITY

PH616  
3200 PSI



**IMPORTANT:** Because of variations in application, the data contained in these tables is provided as a general guide only.

| PH616-5 Hoist Capacity (Tons) |                             |                      |     |
|-------------------------------|-----------------------------|----------------------|-----|
| "A"<br>Body<br>(Feet)         | "B"<br>Overhang<br>(Inches) | Dump Angle (Degrees) |     |
|                               |                             | 45°                  | 50° |
| 12                            | 12                          | 8.7                  | 7.8 |
| 12                            | 18                          | 9.7                  | 8.7 |
| 12                            | 24                          | 10.9                 | 9.8 |
| 14                            | 12                          | 7.2                  | 6.5 |
| 14                            | 18                          | 7.9                  | 7.1 |
| 14                            | 24                          | 8.7                  | 7.8 |
| 16                            | 12                          | 6.2                  | 5.6 |
| 16                            | 18                          | 6.7                  | 6.0 |
| 16                            | 24                          | 7.2                  | 6.5 |

All numbers are for reference only, please consult our engineer for details

PH616 HOIST DIMENSIONS AND CAPACITY

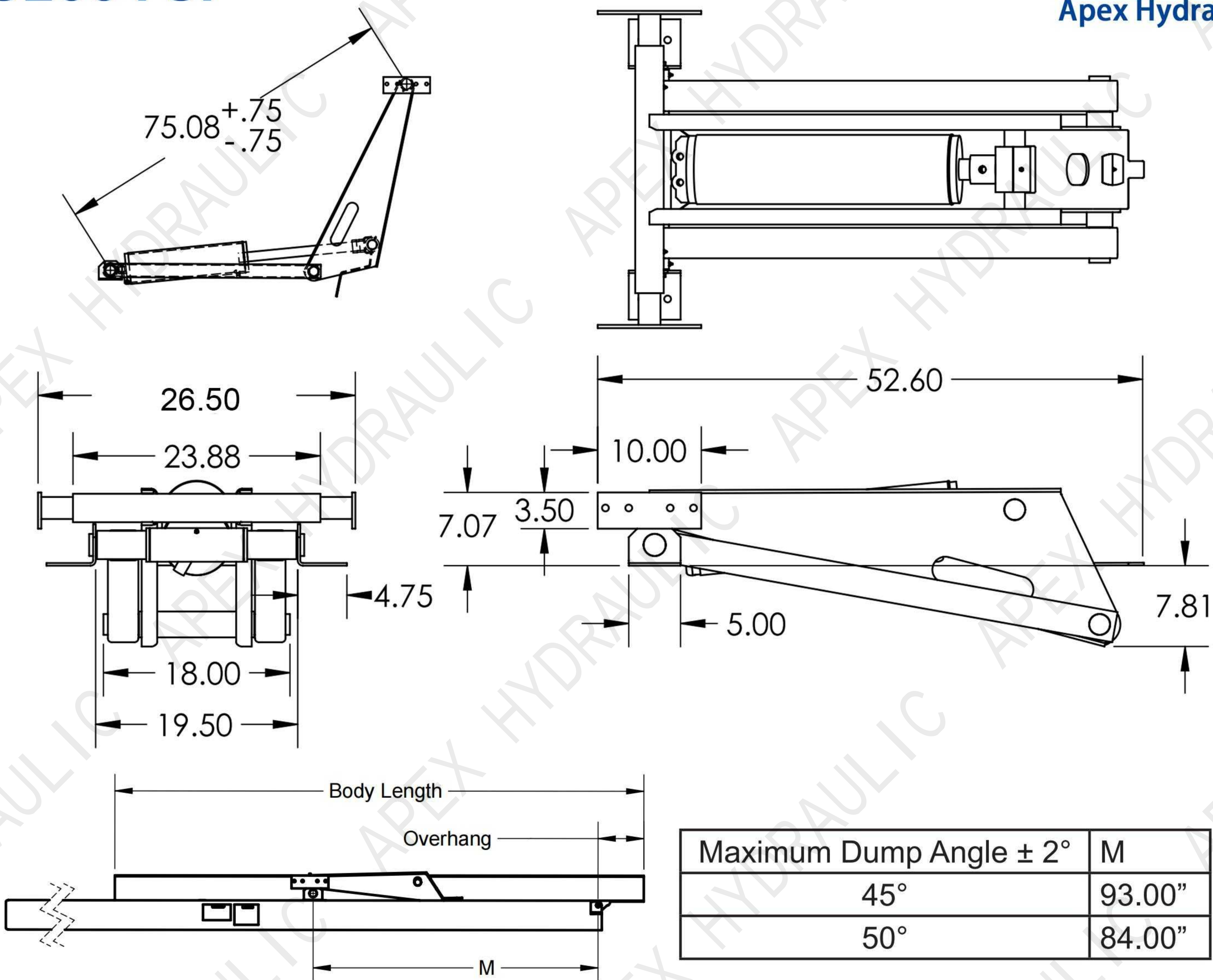
**apex HYDRAULIC**  
Apex Hydraulic Co.,Ltd



| PH620 Hoist Capacity (Tons) |                             |                      |      |
|-----------------------------|-----------------------------|----------------------|------|
| “A”<br>Body<br>(Feet)       | “B”<br>Overhang<br>(Inches) | Dump Angle (Degrees) |      |
|                             |                             | 45°                  | 50°  |
| 14                          | 12                          | 11.7                 | 10.5 |
| 14                          | 18                          | 12.8                 | 11.4 |
| 14                          | 24                          | 14.0                 | 12.6 |
| 16                          | 12                          | 10.0                 | 9.0  |
| 16                          | 18                          | 10.8                 | 9.7  |
| 16                          | 24                          | 11.7                 | 10.5 |
| 18                          | 12                          | 8.8                  | 7.8  |
| 18                          | 18                          | 9.3                  | 8.4  |
| 18                          | 24                          | 10.0                 | 9.0  |

**All numbers are for reference only, please consult our engineer for details**

PH621  
3200 PSI



IMPORTANT: Because of variations in application, the data contained in these tables is provided as a general guide only.

| PH621-5 Hoist Capacity (Tons) |                             |                      |     |
|-------------------------------|-----------------------------|----------------------|-----|
| "A"<br>Body<br>(Feet)         | "B"<br>Overhang<br>(Inches) | Dump Angle (Degrees) |     |
|                               |                             | 45°                  | 50° |
| 16                            | 12                          | 8.3                  | 7.5 |
| 16                            | 18                          | 8.9                  | 8.0 |
| 16                            | 24                          | 9.6                  | 8.7 |
| 18                            | 12                          | 7.2                  | 6.5 |
| 18                            | 18                          | 7.7                  | 7.0 |
| 18                            | 24                          | 8.3                  | 7.5 |
| 20                            | 12                          | 6.4                  | 5.8 |
| 20                            | 18                          | 6.8                  | 6.1 |
| 20                            | 24                          | 7.2                  | 6.5 |

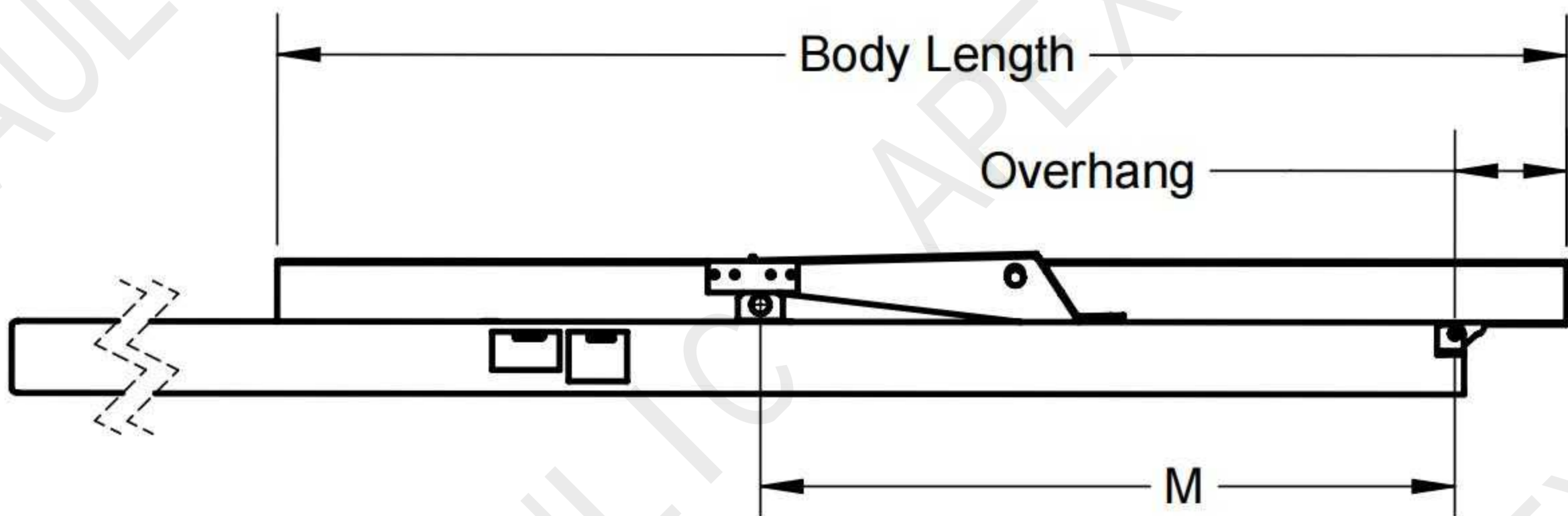
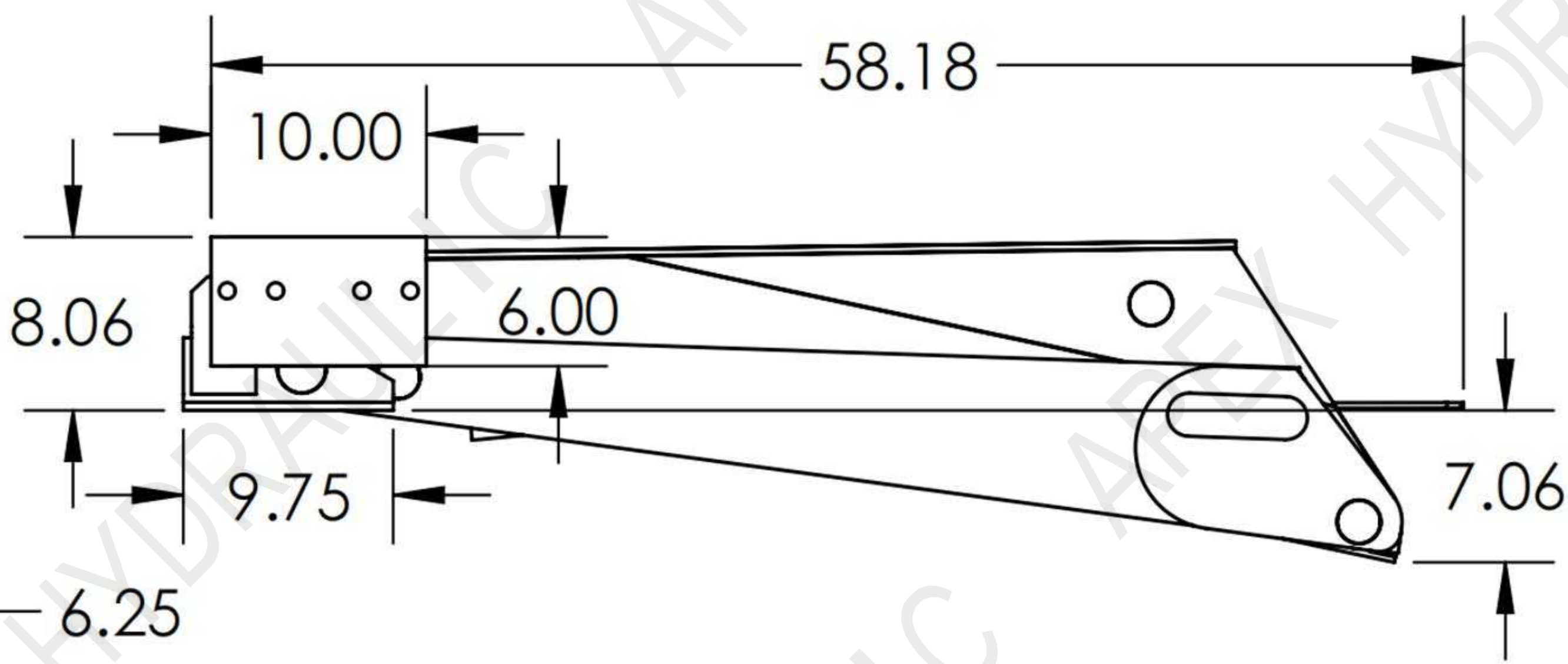
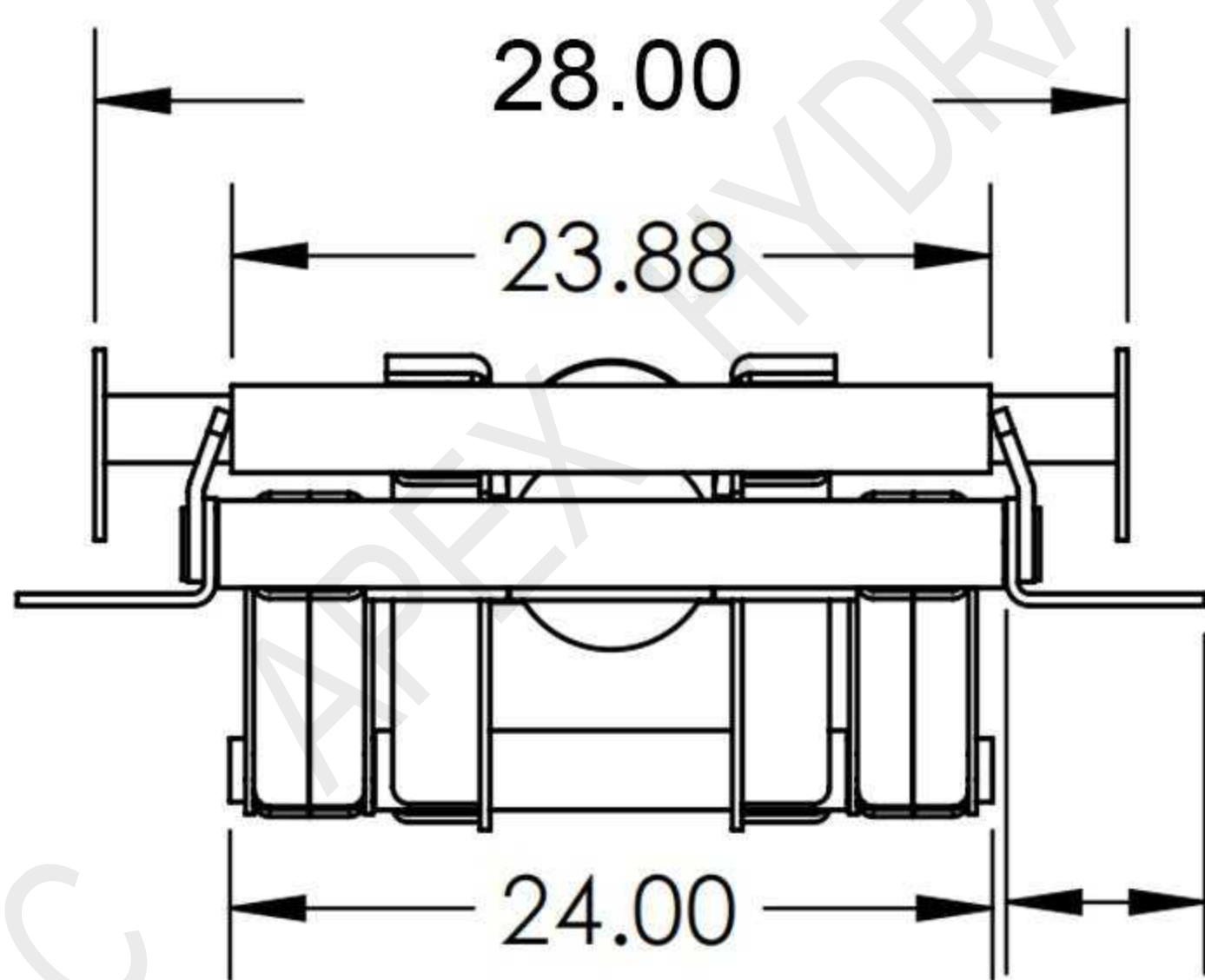
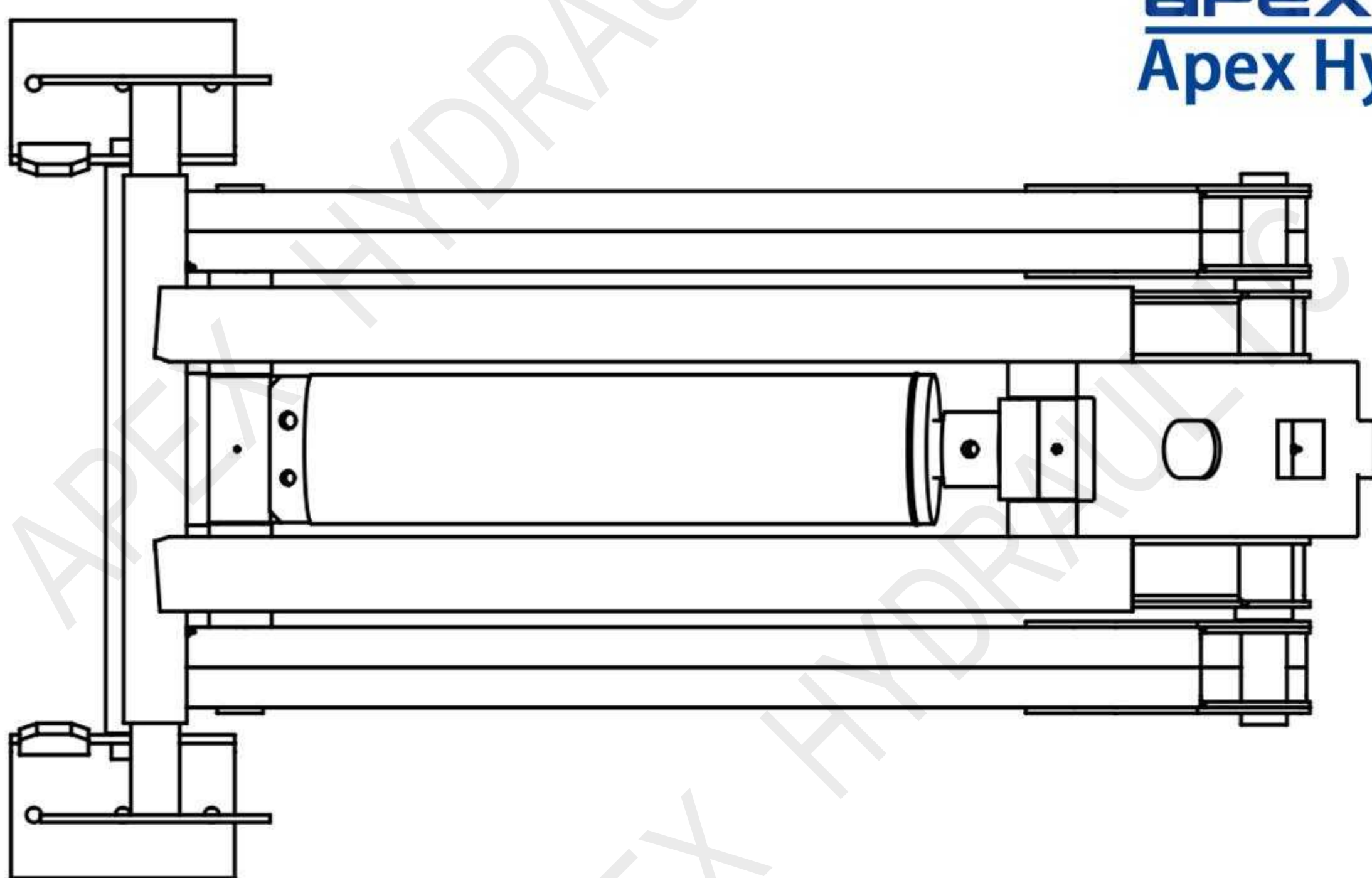
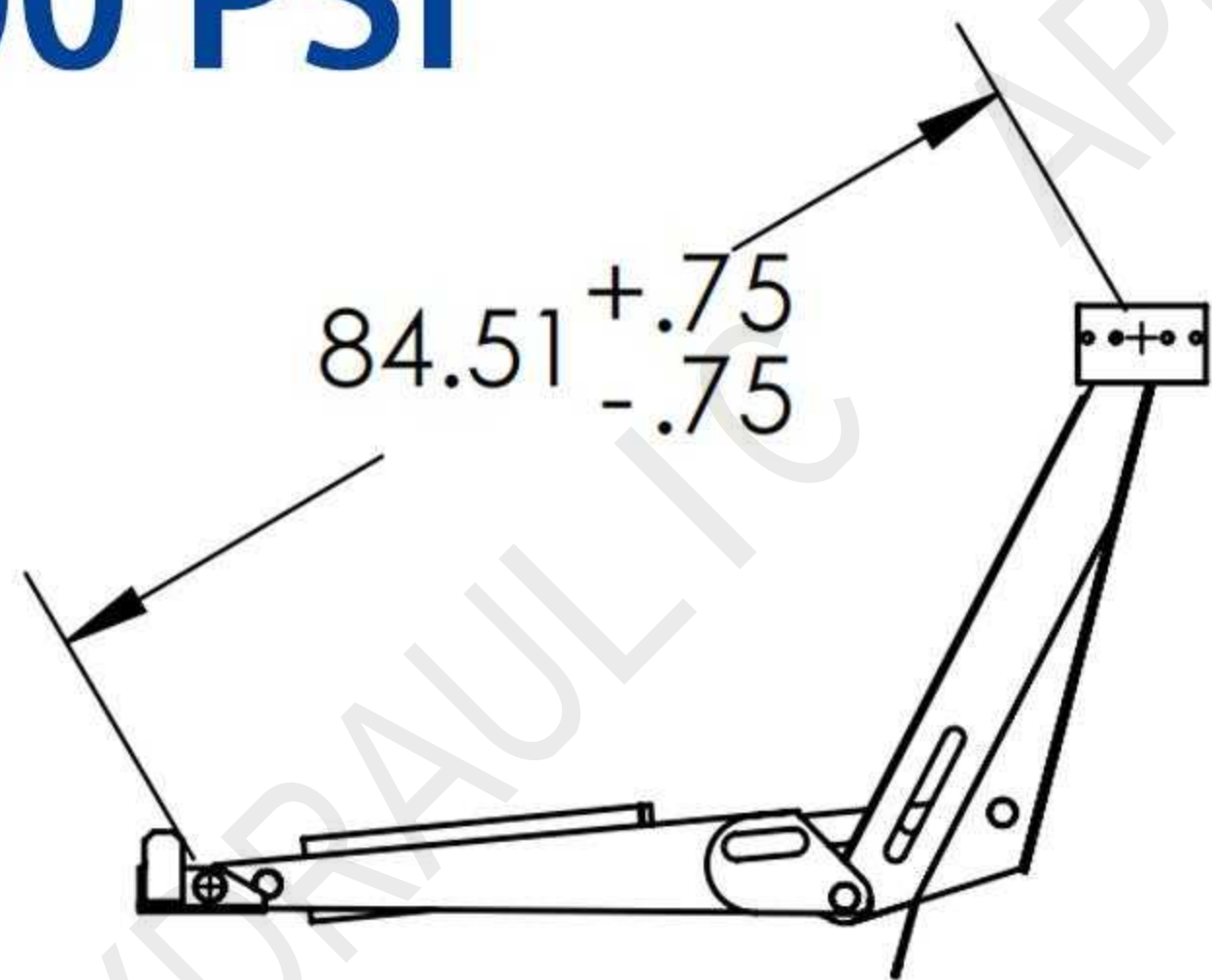
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PH621 HOIST DIMENSIONS AND CAPACITY

PH625  
3200 PSI



apex HYDRAULIC  
Apex Hydraulic Co.,Ltd



| Maximum Dump Angle $\pm 2^\circ$ | M       |
|----------------------------------|---------|
| 45°                              | 105.00" |
| 50°                              | 95.00"  |

IMPORTANT: Because of variations in application, the data contained in these tables is provided as a general guide only.

| PH625 Hoist Capacity (Tons) |                             |                      |      |
|-----------------------------|-----------------------------|----------------------|------|
| "A"<br>Body<br>(Feet)       | "B"<br>Overhang<br>(Inches) | Dump Angle (Degrees) |      |
|                             |                             | 45°                  | 50°  |
| 16                          | 12                          | 11.3                 | 10.2 |
| 16                          | 18                          | 12.1                 | 11.0 |
| 16                          | 24                          | 13.2                 | 11.9 |
| 18                          | 12                          | 9.9                  | 8.9  |
| 18                          | 18                          | 10.5                 | 9.5  |
| 18                          | 24                          | 11.3                 | 10.2 |
| 20                          | 12                          | 8.8                  | 7.9  |
| 20                          | 18                          | 9.3                  | 8.4  |
| 20                          | 24                          | 9.9                  | 8.9  |

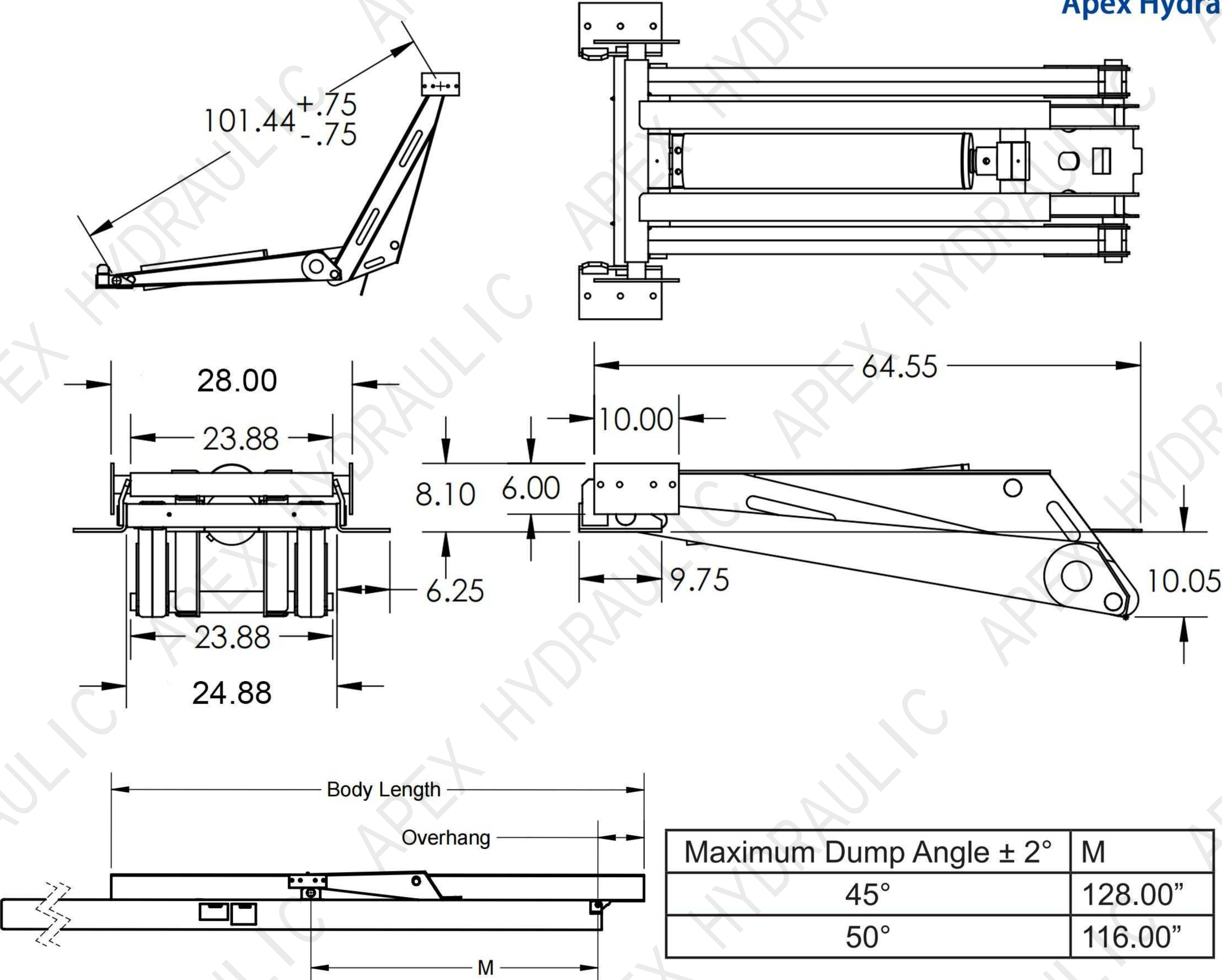
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PH625 HOIST DIMENSIONS AND CAPACITY

PH630  
3200 PSI



APEX HYDRAULIC  
Apex Hydraulic Co.,Ltd



**IMPORTANT:** Because of variations in application, the data contained in these tables is provided as a general guide only.

| PH630 Hoist Capacity (Tons) |                             |                      |      |
|-----------------------------|-----------------------------|----------------------|------|
| "A"<br>Body<br>(Feet)       | "B"<br>Overhang<br>(Inches) | Dump Angle (Degrees) |      |
|                             |                             | 45°                  | 50°  |
| 18                          | 12                          | 13.5                 | 12.2 |
| 18                          | 18                          | 14.4                 | 13.1 |
| 18                          | 24                          | 15.4                 | 14.0 |
| 20                          | 12                          | 12.5                 | 10.9 |
| 20                          | 18                          | 12.7                 | 11.5 |
| 20                          | 24                          | 13.5                 | 12.2 |
| 24                          | 12                          | 9.8                  | 8.9  |
| 24                          | 18                          | 10.3                 | 9.3  |
| 24                          | 24                          | 10.8                 | 9.8  |

All numbers are for reference only, please consult our engineer for details

PH630 HOIST DIMENSIONS AND CAPACITY