

DOCK LEVELER

METRO DOCK MECHANICAL LEVELER

| SPECIFICATIONS | |
|---------------------------------------|---|
| CAPACITY | 27,000 LBS. |
| DECK BEAMS | Formed 12 ga. hi-tensile "A" beams; six on 6' & 6-1/2' wide and eight on 7' wide units. Two 3/16" wedge plate; 12" to 7". |
| DECK PLATE | 1/4" thick hi-tensile hrs steel checker plate. |
| FRONT PLATE | 3/8" x 6" Hrs |
| LIP HINGE | 1-5/8" OD x 1-1/8" ID seamless steel tube; minimum yield 75,000 PSI and tensile strength of 85,000 PSI. |
| LIP HINGE ROD | 1" dia. Steel rod (Minimum yield 44,000 PSI material.) |
| LIP LENGTH (STD.) | 16" (Gives 10" projection beyond normally mounted 4" bumper.) |
| LIP | 1/2" Thick steel checker plate (minimum yield 50,000 PSI.) |
| FRAME | Structural steel angle with rear reinforcing gussets. Reinforced lift cylinder pivot points. |
| REAR SUPPORT | 1/2" x 4" Structural steel flat bar with six 3/4" hinge supports and three 3" structural steel channels to bottom of frame. |
| REAR HINGE FALL SAFE RESTRAINT POINTS | Six supports on 6' & 6'6" wide docks. Eight supports on 7' wide docks. |
| PIT | Standard pit dimensions |
| PRACTICAL WORKING RANGE | Above and below range is 1" per foot of nominal length. |
| LIFTING MECHANISM | Expansion springs under tension (Total springs change with capacities). Lifting arm and lifting cam. |
| LIP EXTENSION | Spring assisted. |
| LIP LATCH | Positive locking arm when lip extended. |
| RAMP CONTROL (HOLD DOWN) | Ratchet lock. Complete with spring activated float. |

DOCK LEVELER

METRO DOCK MECHANICAL LEVELER

| SPECIFICATIONS | |
|---------------------------------------|---|
| CAPACITY | 30,000 LBS. |
| DECK BEAMS | Formed 12 ga. hi-tensile "A" beams; six on 6' & 6-1/2' wide and eight on 7' wide units. Two 3/16" wedge plate; 12" to 7". |
| DECK PLATE | 1/4" thick hi-tensile hrs steel checker plate. |
| FRONT PLATE | 3/8" x 6" Hrs |
| LIP HINGE | 1-3/4" OD x 1-1/8" ID seamless steel tube; minimum yield 75,000 PSI and tensile strength of 85,000 PSI. |
| LIP HINGE ROD | 1" dia. Steel rod (Minimum yield 44,000 PSI material.) |
| LIP LENGTH (STD.) | 16" (Gives 10" projection beyond normally mounted 4" bumper.) |
| LIP | 1/2" Thick steel checker plate (minimum yield 50,000 PSI.) |
| FRAME | Structural steel angle with rear reinforcing gussets. Reinforced lift cylinder pivot points. |
| REAR SUPPORT | 1/2" x 4" Structural steel flat bar with six 3/4" hinge supports and three 3" structural steel channels to bottom of frame. |
| REAR HINGE FALL SAFE RESTRAINT POINTS | Six supports on 6' & 6'6" wide docks. Eight supports on 7' wide docks. |
| PIT | Standard pit dimensions |
| PRACTICAL WORKING RANGE | Above and below range is 1" per foot of nominal length. |
| LIFTING MECHANISM | Expansion springs under tension (Total springs change with capacities). Lifting arm and lifting cam. |
| LIP EXTENSION | Spring assisted. |
| LIP LATCH | Positive locking arm when lip extended. |
| RAMP CONTROL (HOLD DOWN) | Ratchet lock. Complete with spring activated float. |

DOCK LEVELER

METRO DOCK MECHANICAL LEVELER

| SPECIFICATIONS | |
|---------------------------------------|---|
| CAPACITY | 35,000 LBS. |
| DECK BEAMS | Formed 12 ga. hi-tensile "A" beams; eight on 6' & 6-1/2' wide and ten on 7' wide units. Two 3/16" wedge plate; 12" to 7". |
| DECK PLATE | 1/4" thick hi-tensile hrs steel checker plate. |
| FRONT PLATE | 3/8" x 6" Hrs |
| LIP HINGE | 2" OD x 1-1/8" ID seamless steel tube; minimum yield 75,000 PSI and tensile strength of 85,000 PSI. |
| LIP HINGE ROD | 1" dia. Steel rod (Minimum yield 44,000 PSI material.) |
| LIP LENGTH (STD.) | 16" (Gives 10" projection beyond normally mounted 4" bumper.) |
| LIP | 5/8" Thick steel checker plate (minimum yield 50,000 PSI.) |
| FRAME | Structural steel angle with rear reinforcing gussets. Reinforced lift cylinder pivot points. |
| REAR SUPPORT | 1/2" x 4" Structural steel flat bar with six 3/4" hinge supports and three 3" structural steel channels to bottom of frame. |
| REAR HINGE FALL SAFE RESTRAINT POINTS | Six supports on 6' & 6'6" wide docks. Eight supports on 7' wide docks. |
| PIT | Standard pit dimensions |
| PRACTICAL WORKING RANGE | Above and below range is 1" per foot of nominal length. |
| LIFTING MECHANISM | Expansion springs under tension (Total springs change with capacities). Lifting arm and lifting cam. |
| LIP EXTENSION | Spring assisted. |
| LIP LATCH | Positive locking arm when lip extended. |
| RAMP CONTROL (HOLD DOWN) | Ratchet lock. Complete with spring activated float. |

DOCK LEVELER

METRO DOCK MECHANICAL LEVELER

| SPECIFICATIONS | |
|---------------------------------------|---|
| CAPACITY | 40,000 LBS. |
| DECK BEAMS | Formed 10 ga. hi-tensile "A" beams; eight on 6' & 6-1/2' wide and ten on 7' wide units. Two 3/16" wedge plate; 12" to 7". |
| DECK PLATE | 1/4" thick hi-tensile hrs steel checker plate. |
| FRONT PLATE | 3/8" x 6" Hrs |
| LIP HINGE | 2-1/4" OD x 1-1/4" ID seamless steel tube; minimum yield 75,000 PSI and tensile strength of 85,000 PSI. |
| LIP HINGE ROD | 1-1/8" dia. Steel rod (Minimum yield 44,000 PSI material.) |
| LIP LENGTH (STD.) | 16" (Gives 10" projection beyond normally mounted 4" bumper.) |
| LIP | 5/8" Thick steel checker plate (minimum yield 50,000 PSI.) |
| FRAME | Structural steel angle with rear reinforcing gussets. |
| REAR SUPPORT | 3/4" x 5" Structural steel flat bar with six 1" hinge supports and three 3" structural steel channels to bottom of frame. |
| REAR HINGE FALL SAFE RESTRAINT POINTS | Six supports on 6' & 6'6" wide docks. Eight supports on 7' wide docks. |
| PIT | Standard pit dimensions |
| PRACTICAL WORKING RANGE | Above and below range is 1" per foot of nominal length. |
| LIFTING MECHANISM | Expansion springs under tension (Total springs change with capacities). Lifting arm and lifting cam. |
| LIP EXTENSION | Spring assisted. |
| LIP LATCH | Positive locking arm when lip extended. |
| RAMP CONTROL (HOLD DOWN) | Ratchet lock. Complete with spring activated float. |

DOCK LEVELER

METRO DOCK MECHANICAL LEVELER

| SPECIFICATIONS | |
|---------------------------------------|---|
| CAPACITY | 45,000 LBS. |
| DECK BEAMS | Formed 10 ga. hi-tensile "A" beams; eight on 6' & 6-1/2' wide and ten on 7' wide units. Two 3/16" wedge plate; 12" to 7". |
| DECK PLATE | 1/4" thick hi-tensile hrs steel checker plate. |
| FRONT PLATE | 1/2" x 6" Hrs |
| LIP HINGE | 2-1/4" OD x 1-1/4" ID seamless steel tube; minimum yield 75,000 PSI and tensile strength of 85,000 PSI. |
| LIP HINGE ROD | 1-1/8" dia. Steel rod (Minimum yield 44,000 PSI material.) |
| LIP LENGTH (STD.) | 16" (Gives 10" projection beyond normally mounted 4" bumper.) |
| LIP | 5/8" Thick steel checker plate (minimum yield 50,000 PSI.) |
| FRAME | Structural steel angle with rear reinforcing gussets. Reinforced lift cylinder pivot points. |
| REAR SUPPORT | 3/4" x 5" Structural steel flat bar with six 1" hinge supports and three 3" structural steel channels to bottom of frame. |
| REAR HINGE FALL SAFE RESTRAINT POINTS | Six supports on 6' & 6'6" wide docks. Eight supports on 7' wide docks. |
| PIT | Standard pit dimensions |
| PRACTICAL WORKING RANGE | Above and below range is 1" per foot of nominal length. |
| LIFTING MECHANISM | Expansion springs under tension (Total springs change with capacities). Lifting arm and lifting cam. |
| LIP EXTENSION | Spring assisted. |
| LIP LATCH | Positive locking arm when lip extended. |
| RAMP CONTROL (HOLD DOWN) | Ratchet lock. Complete with spring activated float. |