



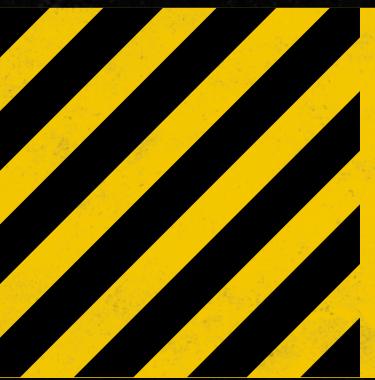
HYDREMA



Subject to change. Photos may be shown with optional equipment. - 0855474 / 02/2007

Hydrema
MX14 MX16 MX18
TIER 4 FINAL

COMPACT WHEELED EXCAVATORS



HYDREMA US INC.
Call +1 404 614 1747

MORE INFO
www.hydrema.us



HYDREMA

Innovative earthmoving since 1959

Since 1959 Hydrema has developed, manufactured, sold and serviced high-tech construction machines. Efficient, innovative and high-quality machines. Our products distinguish themselves from other products on the market through their technical and physical capabilities. Very well suited to perform specialized tasks in construction and installation work.

 HYDREMA



City excavators that set the standard.

The Hydrema MX series sets new standards for compact wheeled excavators.

The new MX series combines Hydrema's tradition of ultra-compact wheeled excavators with the latest technology.

The MX14, MX16, and MX18 models are all highly effective excavators which are simply more compact than comparable machines on the market.

The powerful 167 hp Cummins QSB 4.5 L EPA Tier 4 Final engine with DOC and SCR catalysts and advanced electronically controlled hydraulics ensures that the machine is ready for all the different jobs and work tools needed over the course of the workday.

The ROPS cab is amongst the biggest on the market. Together with low noise level, high comfort and simple controls this ensures an effective and comfortable workday.

The compact size, versatility, unique excavator arm geometry and high performance make the MX series an extremely competitive machine which is developed and produced based on Hydrema's well known high level of quality.

Look forward to read more about the new 33,000-44,000 lb wheeled excavators from Hydrema.



ADVANTAGES

The MX series works effectively even in confined spaces, such as narrow streets, busy roads, and other areas with limited space.

Strong machines with the best breakout and lifting force, rapid digging cycles, and many configuration options for the operator.

High quality and innovation ensures durability for years to come.

Excellent visibility and high comfort.



Most compact in its class



Comfortable solutions



Strong and effective



Easy service access



Ample storage space



Largest cab in its class



Control at your fingertips



High quality

CITY EXCAVATOR



Ultra-short rear end
From 5'1"

SHORTEST REAR END IN ITS CLASS. FROM:

6'1 inches

The MX series is developed as an ultra-compact wheeled excavator, which is great for use in cities, in heavy traffic areas, or where space is limited.

The shortest tail swing radius in its class significantly increases usability.

The MX series' very compact upper carriage offers a very short tail swing, which specifically means that the machine can work where other machines do not have enough space.

The MX14, MX16, and MX18 are extremely compact compared to their competitors in the same weight class.

The short swing circle and high performance in both breakout force and strength provide an extremely operational and flexible machine that can be used in many places under many different conditions.

The MX series comes into its own in urban areas where work is constricted by space or in congested work situations where the machine's minimal swing radius and short

rear end are important factors. Combined with the MX series' technology, features and many configuration options, it is the perfect City excavator.

The MXs have a high speed on the road, which makes transport between nearby jobs quicker.



CITY EXCAVATOR

Performance compares favorably



Great stability and great hydraulics. Definitely a machine to consider when buying a new one."

A smooth machine with breakout force, engine power, and digging features at the absolute top of its class.

A strong performer

A look at the MX series' data and lifting charts quickly reveals that it is one of the most competitive machines in terms of performance.

An optimized excavator arm with high speed and breakout force provides a very productive machine despite its compact size. At the same time, the lifting capacity is among the best for wheeled excavators and comparable to standard excavators.

The environmentally-friendly 167 hp Cummins QSB 4.5 EPA Tier 4 Final engine provides plenty of power for digging. Hose burst valves on the stabilizers, VA boom and dipper significantly increase safety during lifting jobs.

Built for your jobs

The MX series is built on a modular undercarriage, and depending on your type of work, the dozer blades and stabilizers can be mounted so the machine suits your needs. The machine also has good ground clearance under both dozer blade and stabilizers.

High hydraulic power

A dual-circuit electronically-controlled hydraulic system effectively adjusts the hydraulic power for any task.

Two hydraulic pumps provide a total oil flow of 107 gpm, of which 23 gpm is dedicated to the slew system. Therefore the MX always has enough power for your task.

There is also a hydrostatic high pressure system for the slew function, which gives the machine superior slew precision and low fuel consumption.

From the instrument panel, the operator can electronically adjust the optional hydraulic functions depending on the tools the machine is carrying and the oil flow and pressure required for the work.

Long reach

The excavator's reach, digging depth, and strike height are among the best, which underscores the excavators' versatility and usability. The dipper is available in lengths 6'7", 8'2" or 9'10".



WORKING CONDITIONS

Large cab with lots of comfort.

The best possible working environment

The ROPS cab is among the largest on the market, and it provides an excellent basis for a good working environment. The great visibility increases safety at work.

The cab is designed to ensure the best possible comfort for the machine operator.

The seat's many configuration options, the placement of the joysticks and the key pad panels were all developed together, taking the operator's individual needs and daily work situations into account.

Keypad panels with a CAN-BUS controlled operating system means easy and intelligent operation of the machine. The instrument panel has a diagnostic function for quick servicing and troubleshooting.

The separate monitor for the rear and side view cameras provides a clear view while operating.

The placement of the radiator on the opposite side of the machine - away from the cab - reduces noise and heat transfer.

Effective air conditioning ensures the right temperature and great air quality. A built-in heater/cooler box of 3.8 gal. is available as an option.

The optional boom suspension of the excavator arm provides a comfortable ride when roading



**Many years of
experience combined
with intelligent
technology.**



Excavator	Hydraulic system	Driving hydraulics	Electrical system	Engine	Brakes
Compact excavator with two-piece boom for all models. VA boom/dipper build in high tensile steel with closed profiles. The dipper is available in 6'7", 8'2", and 9'10". Hydraulic quick hitch and tilt rotator as options.	Dual-circuit system with Load Sensing and high pressure hydrostatic slew system with separate pumps. Electronic power regulation of pumps for working hydraulics. Mode-Control for precision work and ECO-Mode for fuel savings. Up to 3 hydraulic options freely adjustable from the cab. Option 3 with oil flow priority. Freely adjustable pressure and oil quantity for up to 10 tools.	Hydrostatic propulsion with constant 4-wheel drive. Variable drive motor with brake valve. 2-speed soft shift powershift transmission for road and off-road gear.	Robust and protected wiring. Only waterproof plugs are used on the exterior, which guarantees long life and trouble-free functionality. The electronic units in the machine are short circuit protected and comply with applicable EMC requirements. All fuses and relays are located beside the cab and can easily be inspected via the service hatch. The machine is equipped with electronic emergency operation in case of a breakdown in the electronic units.	Cummins QSB 4.5L EPA Tier 4 Final engine with DOC and SCR catalyst with Ad Blue. 16 valve common-rail Turbo diesel with intercooler, electronically variable turbo charger and EGR with cooling. Max. performance: 167 hp (123kW) at 2000 rpm. Max. torque: 678 Nm (500 lb ft) at 1500 rpm. Fuel tank: 79 gal. AdBlue tank: 5 gal.	Dual-circuit system with maintenance-free brake discs in oil bath on all wheels. Parking brake integrated into the transmission. Automatic excavation brake is standard.
Undercarriage	Oil quantity:	MX14 MX16 MX18	Slew system	Operation	Cab
6 possible undercarriage variants: Rear dozer blade(A1) Front dozer blade(A1V) Front/rear dozer blade(2xA1) Front dozer blade/rear stabilizers (A3) Front stabilizers/rear dozer blade (A3V) Front/rear stabilizers (A4)	Working hydraulics Slew hydraulics	84 gpm 23 gpm	ZF axles with 45% limited-slip differential lock and planetary reduction in the hubs. Brakes in all hubs for optimal digging brake. Front axle with center bolt and pendulum lock. Oscillating angle: +/- 8°	Joysticks with 4 proportional servo functions, 1 proportional roller and 4 buttons. Optional hydraulics controlled by rollers. Stabilizer operated with foot pedal independently of other features. Pressure and oil volume for optional hydraulics can be controlled electronically from the instrument panel. Up to 10 different configurations can be saved. Joysticks with 2 rollers and 5 buttons as optional equipment. Mode Control for max. engine revs with 4 modes. Automatic idle stop.	Very roomy ROPS cab with sliding window in the door, skylight, adjustable steering column, and armrests. Air conditioning with 7 adjustable air nozzles. Air suspended seat. The various feature adjustments can be saved via the CAN BUS-controlled Keypads or through the instrument panel. Very large rear view mirrors with electronic adjustment. Storage space under and behind the seat.
Transmission	Axes	Hydraulic option 1 Hydraulic option 2 Hydraulic option 3	Slewing speed Slewing torque	Noise level	
ZF 2-speed soft shift powershift transmission with electro-hydraulic gearshift system. Choose between manual or automatic gearshift.	System pressure: Working hydraulics Swing hydraulics	5,076 psi 5,729 psi	10.8 rpm 36,900 lbf ft	Cab: 71 dB	Exterior: 102 dB
Steering	Steering				
Hydraulic steering with emergency steering. Joystick steering (max. 6.2 mph) as an option.	Hydraulic steering with emergency steering. Joystick steering (max. 6.2 mph) as an option.				

Easy access to service points.

Solutions that make it easy to service.

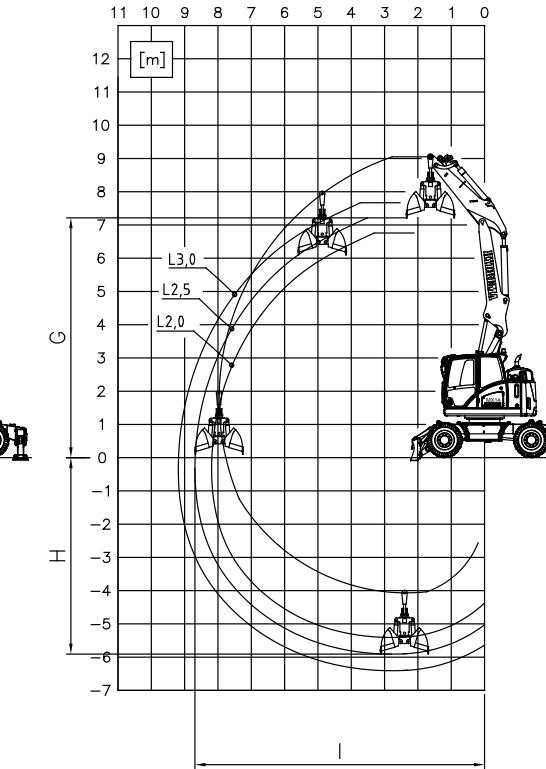
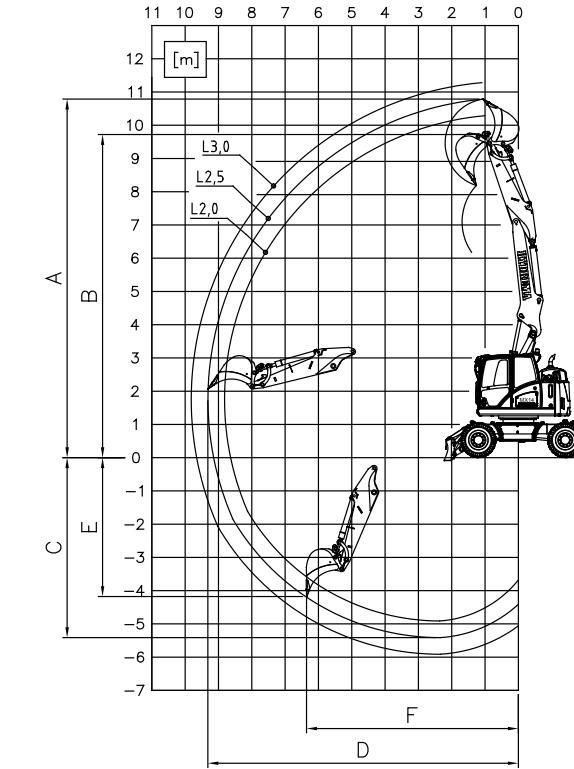
Access to the engine is quick and comfortable with electronic opening of the bonnet on the side of the machine. A service door on the side of the cab can be opened for easy access to fuses and battery isolator.

The opening to the engine and radiator is large, which enables access and servicing while standing on ground level. If there is a need for access to the top of the machine where the large diesel tank and hydraulic pumps are located, a ladder can be pulled out from the left hand side of the upper-carriage.

With the optional automatic lubrication kit, your machine will take care of its own greasing requirement. A reversible cooling fan is available as an option, to further ease the daily maintenance.

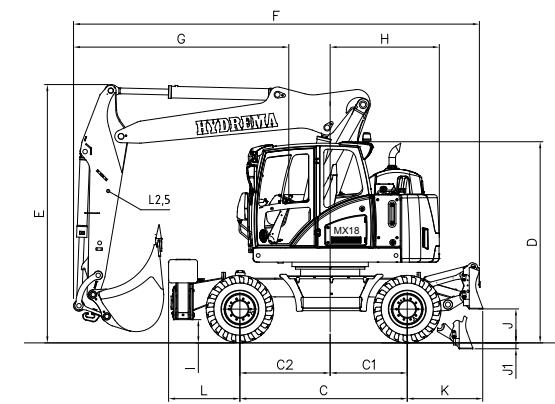
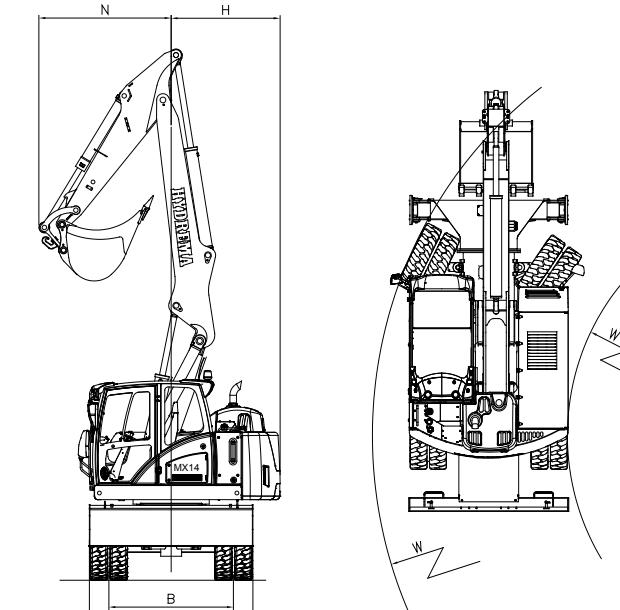
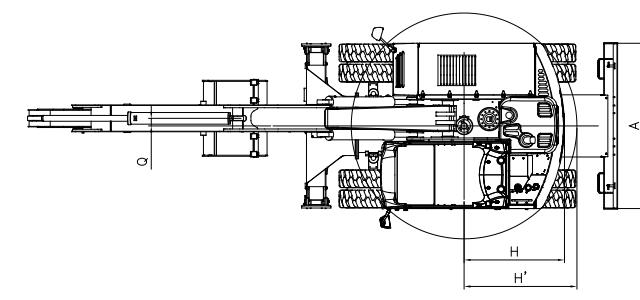
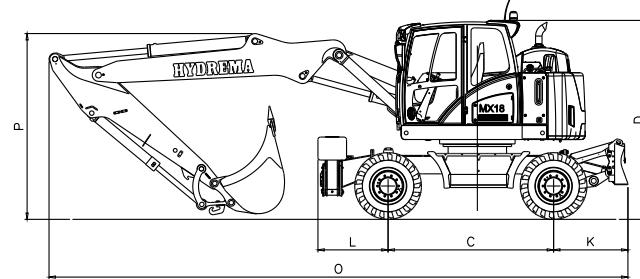
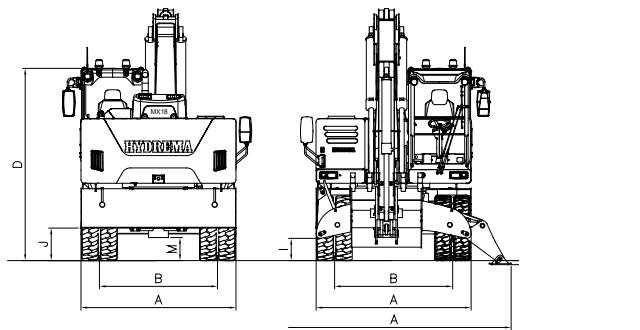


Working area and breakout force.



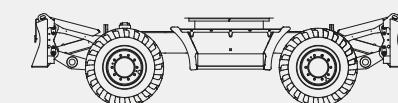
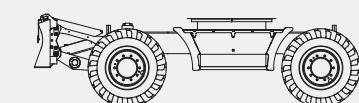
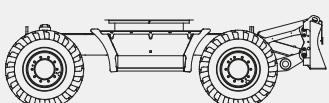
	MX14			MX16			MX18				
	Length of dipper	ft	6'7"	8'2"	9'10"	6'7"	8'2"	9'10"	6'7"	8'2"	9'10"
A	Strike height	ft	33'9"	35'4"	36'12"	33'9"	35'4"	36'12"	35'0"	36'8"	38'3"
B	Lifting height	ft	31'3"	31'11"	33'6"	31'3"	31'11"	33'6"	31'6"	33'2"	34'9"
C	Digging depth	ft	16'1"	17'9"	19'5"	16'1"	17'9"	19'5"	17'6"	19'2"	20'9"
D	Reach	ft	28'11"	30'7"	32'3"	28'11"	30'7"	32'3"	30'3"	31'11"	33'6"
E	Vertical digging depth	ft	12'2"	13'9"	15'3"	12'2"	13'9"	15'3"	13'3"	14'9"	16'4"
F	Horizontal digging depth	ft	20'3"	20'10"	19'8"	20'3"	20'10"	19'8"	21'2"	21'10"	22'5"
G	Lifting height	ft	23'4"	24'12"	26'7"	23'4"	24'12"	26'7"	22'3"	23'10"	25'6"
H	Working depth	ft	19'1"	20'9"	22'5"	19'1"	20'9"	22'5"	17'7"	19'2"	20'10"
I	Reach	ft	26'10"	28'6"	30'2"	26'10"	28'6"	30'2"	26'10"	28'6"	30'2"
	Bucket rotation angle	°	175	175	175	175	175	175	175	175	175
Breakout force, directly mounted bucket											
Breakout force, bucket (ISO)			23,821			23,821			31,013		
Digging force (ISO)			lbf			20,900			18,428		
Maximum recommended bucket size											
Standard bucket			yd ³			1.05			0.92		
Maximum recommended bucket size of rototilt											
Standard bucket			yd ³			0.78			1.18		
The working area is specified with Hydrema standard bucket and 5'11" grab height.											

Dimensions and weight.

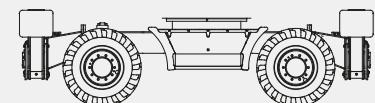
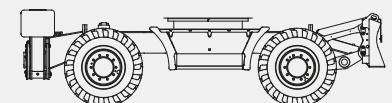
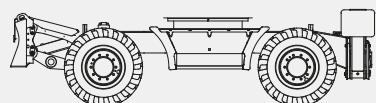


UNDERCARRIAGE VARIANTS

A1	A1V	2xA1
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A3	A3V	A4
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DIMENSIONS	MX14	MX16	MX18
A Width across:		ft'in"	
Blade	8'4"	8'4"	8'4"
Support, lowered	12'8"	12'8"	12'8"
Tire 10.00-20	8'4"	8'4"	8'4"
Tire 600/40-R22.5	8'3"	8'3"	8'3"
Tire 700/40-R22.5	8'11"	8'11"	8'11"
B Track width with standard tires	6'4"	6'4"	6'4"
C Wheelbase	8'6"	8'6"	8'6"
C1 Distance, pivot center to rear axle	3'11"	3'11"	3'11"
C2 Distance, pivot center to front axle	4'7"	4'7"	4'7"
D Clearance height, cab	10'3"	10'3"	10'3"
E Transport height	13'1"	13'1"	13'1"
F Length, road transport	20'9"	20'9"	20'9"
G Overhang, front (with 8'2" stick)	10'11"	10'11"	10'11"
H Rear distance, pivot center - counterweight	5'1"	5'5"	5'7"
H1 Swing radius, rear	5'8"	5'11"	6'0"
I Ground clearance, stabilizer	1'2"	1'2"	1'2"
I1 Ground clearance, wheels, lower stabilizer	0'2"	0'2"	0'2"
J Ground clearance, blade	1'8"	1'8"	1'8"
J1 Ground clearance, wheels, lower blade	0'3"	0'3"	0'3"
K Overhang, blade	3'10"	3'10"	3'10"
L Overhang, stabilizer	3'8"	3'8"	3'8"
M Ground clearance, axles	1'2"	1'2"	1'2"
N Swing radius, front			
with 6'7" dipper	5'5"	5'5"	5'8"
with 8'2" dipper	6'6"	6'6"	6'9"
with 9'10" dipper	7'7"	7'7"	7'11"
O Total length during transport, 8'2"	28'7"	28'7"	29'11"
P Height of VA boom during shipping, 8'2"	9'7"	9'7"	9'7"
Q Center shift, VA boom	0'5"	0'5"	0'5"
W Outside turn radius	21'12"	21'12"	21'12"
W1 Inside turn radius	11'10"	11'10"	11'10"

Dimensions with standard tires 10.00-20

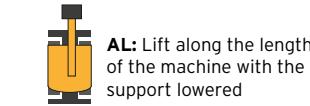
MACHINE WEIGHT	MX14	MX16	MX18
Undercarriage		lb	
A1 Dozer bade	34,612	37,699	40,565
A3 Dozer blade+stabilizer	37,258	40,124	43,210
2xA1 Front and rear dozer blade	36,817	39,903	40,565
A4 Front and rear stabilizer	37,919	41,006	44,092

Weight specifications are with 882 lb (MX14-16) and 1,100 lb (MX18) bucket and standard tires

Lifting capacity.



F: Lift 360° with support raised



AL: Lift along the length of the machine with the support lowered



AQ: Lift across the machine with the support lowered

MX14 : MAX LIFTING CAPACITY IN TONNE WITH CHASSIS A3, DIPPER 6'7", WEIGHT QUICK HITCH 331 LB. ISO 10567*

		Reach in ft													
		10		13		16		19		22		25		Max.	
H	AQ	F	AL	AQ	F	AL	AQ	F	AL	AQ	F	AL	AQ	F	AL
28	17200*	13500	17200*												
24	14500*	14100	14500*	14900*	9000	14900*	12200	6200	14100*						
20	12800*	12800*	12800*	14400*	8900	14400*	12300	6200	14700*	9100	4500	13300*			
16	15000*	12800	15000*	16000*	8400	16000*	11900	5900	15600*	8900	4400	14300*	6900	3300	11000
12	21400*	12500	21400*	16100	7500	21200*	11400	5500	17400*	8600	4100	13900	6800	3200	10900
8	25000*	11400	25000*	15400	6900	24500*	10700	4900	18100	8200	3800	13500	6600	3000	10600
4	24600	10000	29800*	14500	6200	26300	10200	4500	17500	7900	3500	13100	6400	2800	10400
0	23100	8900	33900*	13900	5800	25600	10000	4300	17200	7700	3400	12900	6300	2700	10300
-4	22600	8600	36700*	13800	5700	25500	9900	4200	17100	7700	3300	12900	6200	2700	10300
-8	23200	9000	37500*	14200	5900	25900	10100	4300	17300	7800	3400	13000			
-12	24300	9800	30900*												

MX16 : MAX LIFTING CAPACITY IN TONNE WITH CHASSIS A3, DIPPER 6'7", WEIGHT QUICK HITCH 331 LB. ISO 10567*

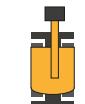
		Reach in ft													
		10		13		16		19		22		25		Max.	
H	AQ	F	AL	AQ	F	AL	AQ	F	AL	AQ	F	AL	AQ	F	AL
28	17200*	16200	17200*												
24	14500*	14500*	14500*	14900*	10900	14900*	14100*	14100*	14100*						
20	12800*	12800*	12800*	14400*	12300	6200	14700*	9100	4500	13300*					
16	15000*	15000*	15000*	16000*	11900	5900	15600*	8900	4400	14300*	6900	3300	11000		
12	21400*	15200	21400*	19000	9300	21200*	13500	6900	17400*	10300	5300	14900*	8200	4200	12700
8	25000*	14100	25000*	18300	8800	24500*	12900	6400	19500*	9900	5000	15700	8000	4000	12400
4	24600	12700	29800*	17400	8100	26800*	12300	5900	20500	9600	4700	15400	7800	3800	12200
0	27700	11600	33900*	16800	7600	27100*	12100	5700	20100	9400	4500	15100	7600	3700	12100
-4	27200	11300	36700*	16700	7500	27400*	12000	5700	20100	9300	4500	15100	7600	3700	12000
-8	27800	11600	37500*	17100	7800	27800*	12200	5800	20300	9500	4600	15300			
-12	28900	12400	30900*												

MX14 : MAX LIFTING CAPACITY IN TONNE WITH CHASSIS A3, DIPPER 8'2", WEIGHT QUICK HITCH 331 LB. ISO 10567*

		Reach in ft													
		10		13		16		19		22		25		Max.	
H	AQ	F	AL	AQ	F	AL	AQ	F	AL	AQ	F	AL	AQ	F	AL
28	13700*	13700*	13700*	13100*	9000	13100*									
24	11000*	11000*	11000*	12000*	9300	12000*	12000*	6500	12000*	9200	4600	10800*			
20	9500*	9500*	9500*	11300*	9200	11300*	11900*	6400	11900*	9300	4700	11800*	7100	3500	10400*
16	10400*	10400*	10400*	12200*	8700	12200*	12200*	6100	12800*	9100	4500	12800*	7100	3400	11200
12	20500*	12800	20500*	16500	7800	19300*	11600	5600	16200*	8800	4300	14100	6900	3300	11000
8	23900*	11700	23900*	15500	7000	23700*	10900	5100	18400	8400	3900	13600	6600	3100	10500
4	24700	10100	29700*	14500	6200	26400	10300	4600	17700	8000	3600	13200	6400	2900	10400
0	22900	8800	31700*	13800	5700	25500	10000	4300	17300	7700	3400	12900	6200	2700	10300
-4	22300	8300	36100*	13700	5600	25400	9800	4100	17100	7600	3300	12800	6200	2600	10200
-8	22800	8700	36900*	13900	5700	25600	9900	4200	17100	7600	3300	12800	6300	2700	10300



F: Lift 360° with support raised



AL: Lift along the length of the machine with the support lowered



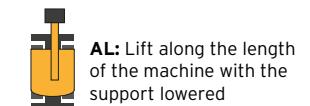
AQ: Lift across the machine with the support lowered

* Table values are in accordance with ISO 10567 (75% of stability or 87% of hydraulic capacity). If lifting via the standard mounted lifting hook, allow for a maximum of 7.5 t metric (16,500 lb). If lifting without quick hitch and directly in the outer hole in the slewing arm, values can be used by adding approx. 331 lb.

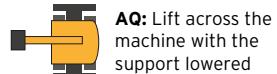
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F: Lift 360° with support raised



AL: Lift along the length of the machine with the support lowered



AQ: Lift across the machine with the support lowered

MX18 : MAX LIFTING CAPACITY IN TONNE WITH CHASSIS A3 (WIDE AXLES), DIPPER 6'7", WEIGHT QUICK HITCH 331 LB. ISO 10567*																								
Reach in ft																								
	10			13			16			19			22			25			Max.					
H	AQ	F	AL	AQ	F	AL	AQ	F	AL	AQ	F	AL	AQ	F	AL	AQ	F	AL	AQ	F	AL	AQ	F	AL
28	19800*	19800*	19800*	18600*	13200	18600*																		
24	16800*	16800*	16800*	17600*	13500	17600*	15900*	9600	15900*	12200	7100	14200*												
20	16300*	16300*	16300*	17400*	13200	17400*	16200*	9400	16200*	12300	7100	14000*	9500	5400	12900*									
16	25100*	18700	25100*	20600*	12400	20600*	15900	9000	17100*	12000	6800	14400*	9500	5400	13300*	7600	4200	11100						
12	22100*	18200	22100*	21200	11200	23700*	15100	8300	18600*	11600	6500	15500*	9200	5100	13500	7500	4200	11000						
8	25800*	16800	25800*	20400	10500	24300*	14300	7600	20500*	11100	6000	16600*	8900	4900	13200	7400	4000	10800	6400	3400	9500			
4	28100*	15300	28100*	19400	9700	25700*	13800	7100	20900*	10700	5700	16300	8700	4700	13000	7200	3900	10700						
0	31600	14300	33200*	18800	9200	26300*	13500	6900	20900*	10500	5500	16000	8500	4500	12800	7100	3800	10600						
-4	31400	14100	35800*	18900	9300	26600*	13500	6900	21100*	10400	5400	15900	8500	4500	12700	7200	3800	10000*						
-8	31800	14400	36400*	19300	9600	27100*	13700	7000	21500	10600	5600	16100	8700	4600	11800*									
-12	32800	15100	34800*	19900	10100	24600*	14300	7600	17600*															

MX18 : MAX LIFTING CAPACITY IN TONNE WITH CHASSIS A4 (WIDE AXLES), DIPPER 8'2", WEIGHT QUICK HITCH 331 LB. ISO 10567*																								
Reach in ft																								
	10			13			16			19			22			25			Max.					
H	AQ	F	AL	AQ	F	AL	AQ	F	AL	AQ	F	AL	AQ	F	AL	AQ	F	AL	AQ	F	AL	AQ	F	AL
32	16600*	16600*	16600*																					
28	15800*	15800*	15800*	15700*	13700	15700*	14400*	9600	14400*															
24				14100*	13800	14100*	14600*	9800	14600*	12500	7300	13500*	9400*	5500	9400*									
20	11900*	11900*	11900*	13900*	13500	13900*	14500*	9600	14500*	12500	7200	13500*	9700	5600	12300*									
16	14800*	14800*	14800*	16100*	12800	16100*	16200	9200	16300*	12200	7000	13900*	9600	5500	12600*	7700	4300	11200						
12	24300*	18100	24300*	21800	11600	22300*	15400	8500	17700*	11700	6600	14800*	9300	5200	13200*	7600	4200	11100						
8	26100*	16600	26100*	20500	10600	24100*	14600	7800	19800*	11200	6100	16000*	9000	4900	13300	7400	4000	10900	5900	3100*	8300*			
4	27300*	15300	27300*	19400	9700	25500*	13900	7200	20800*	10800	5700	16300	8700	4700	13000	7200	3900	10700						
0	30900*	14100	30900*	18800	9200	26100*	13500	6900	20800*	10500	5500	16000	8500	4500	12700	7100	3700	10500						
-4	30900	13800	35100*	18700	9100	26300*	13400	6800	20900*	10300	5400	15900	8400	4400	12600	7000	3700	10500						
-8	31300	14100	35900*	18900	9300	26700*	13400	6800	21200	10400	5400	15900	8400	4400	12700									
-12	32100	14700	36900*	19500	9700	26900*	13800	7200	20400*	10800	5800	14600*												
-16	32700*	15400	32700*	20100	10200	23500*																		

<table



Lots of standard equipment and many options.

STANDARD EQUIPMENT

Machine

Compact excavator with two-piece boom:
MX14 and MX16: V5.35 - MX18: V5.70
Dipper in lengths of: 6'7", 8'2" and 9'10"
167 hp EPA Tier 4 Final diesel engine with DOC and SCR catalyst with AdBlue
Friction differential 45% in driving axle
10.00-20 twin tires
Wet multiple disk brakes in hub on driving axle
2-speed hydrostatic power-shift transmission

Operation

Electronically adjustable heated wing mirrors
Keypad panels with backlighting, 7 pcs
Joystick with proportional rollers and 4 buttons
Independent pedal control of drive and support hydraulics
Automatic gearshift for transmission
Creep gear for 1st and 2nd gear in transmission
Switches between road travel and work mode
Cruise control
Automatic headlights and cab light
Electronic hand throttle with automatic function
Acoustic driving alarm
Speed-Up and ECO-mode
Mode-Control with 33%, 66% excavator speed
Automatic function for pendulum lock and digging brake
Mute function for the radio in the armrest
Automatic engine idle after 5 sec.
Adjustable, automatic idle stop (160 min.)
Overload alarm for F and AQ lifting work

Hydraulics

Electronic power regulation of pump, ECO-mode
Hydrostatic swing with energy recovery
Safety valve for Z2, Z3, and Z4
Pendulum lock for front axle
Automatic function for pendulum lock and excavation brake

Float position for boom hydraulic Z3 (MX 18)
Pressure equalization for digging functions
10 programmable settings for optional hydraulics
Hydrostatic-powered fan blade

Cab

ROPS certified
Openable windscreen, door with sliding window
Cab suspension with viscous dampening
External sun visor in front
Air conditioning with 7 x air nozzles
Radio with CD, MP3
Sunshade windshield, roof hatch
Comfortable seat with air suspension, heating, head restraints, front controls
Seatbelt switch for seat, monitoring in the seat cushion
12V and 24V electrical plugs
Instrument display 4.3" in color with softkey and encoder
Separate monitor for rear view camera
Storage box under and behind seat
Warning beacon, 2 pcs
Cup and bottle holder, 2 pcs
Red and white cab lights
Interval, front screen wiper and screen wash function
Pedal-controlled steering column with combi switch and ignition key

Miscellaneous

Electronic opening of hood
Tool box in undercarriage, 2 pcs
Washer fluid, 1.3 gal. with level gauge
Sensor monitoring of stabilizer during road travel
Rear camera integrated into counterweight
Megabeam work lights, 6 pcs
Handheld lamp, tool kit

OPTIONAL EQUIPMENT

Undercarriage

REAR dozer blade (opposite steering axle)
FRONT dozer blade (at steering axle)
FRONT/REAR dozer blade
FRONT dozer blade / REAR stabilizer
REAR dozer blade / FRONT stabilizer
FRONT/REAR stabilizers
Options for undercarriage:
Towing hitch
BM-Quick hitch
Dozer blade for BM-Quick hitch
BM-Quick hitch with tilt function
Bracket for clam shell grab (can only be mounted with A1 undercarr.)
Optional hydraulics for A1 undercarriage + 7-pole el. plug
Optional hydraulics for A3 undercarriage + 7-pole el. plug
Hydraulic trailer brake
Mud guards
Wide axles (total width: 9 ft)

Wheels & tires

Replacement wheels: 8 x 10.00-20
Replacement wheels: 8 x 315/80-22.5
Replacement wheels: 600/40-22.5
Replacement wheels: 700/40-22.5

Dipper lengths

6'7"
8'2"
9'10"

Hydraulics

1" pipe layout for return flow
Hydraulic option 2 - includes joystick steering
Hydraulic option 3 (13-53 gpm)
Quick release for grab - disconnects oil from bucket cylinder
SVAB L8 Joystick including cable for Tilt rotator
Boom suspension
Float position for boom cylinder

Quick hitch / Engcon tilt rotator

Pipe layout for OilQuick OQ60/OQ65/OQ70
Quick hitch OilQuick OQ60/OQ65/OQ70 with 5 couplings (ZV1 ZV2, tank)
Pipe layout for quick hitch - Engcon S60
Engcon S60 quick hitch
Tilt rotator Engcon EC219 with claw for direct mounting
Tilt rotator Engcon EC219 with claw for S60 quick hitch
Pipe layout for quick hitch - Lehnhoff HS10
Lehnhoff HS10 quick hitch

Cab

Oil heater for cab and engine with control via mobile phone
Swap to Xenon lights - 6 pcs
Swap to LED lights - 4 pcs
FOPS for cab (roof grill)
FOPS for cab (roof grill + front grill)
Cooling box with electronic regulation - 3,8 gal.

Miscellaneous

Central lubrication point, excavator arm (2 lubrication points)
Central lubrication point, dozer blade (1 lubrication point)
Automatic central lubrication, excavator arm (0,5 gal. container)
Electric pump for fuel tank
Swap to bio-oil
Reversible radiator fan
Electric engine heater

Quality. Innovation. Commitment.

Every day, Hydrema continues the proud traditions which since 1959 have resulted in machine production of the highest quality, combined with modern technology.

Hydrema develops and manufactures hydraulic construction equipment for customers who demand the highest performance and comfort as well as the most reliable and environmentally friendly equipment.

The machines are developed and produced in our own factories in Denmark and Germany.

The commitment, professionalism and enthusiasm of every single employee make it possible to deliver the best machine each time.

A machine that's ready to work hard every day, all year round, regardless of the weather, wind and terrain.

Hydrema's backhoe loaders, dump trucks, wheeled excavators and mine clearing vehicles currently operate all around the world for customers who value quality, innovative thinking and dedication.

1959

