

We take  
**Integrity, Respect, Pride**  
In everything we do



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# Light duty booms for mobile crushers

## Features

- Compact and light weight design
- Maintenance free cylinder bearings
- Pin lock system
- 270° slew bearing
- Internal hydraulic lines

## Benefits

- > Easy mobile crusher integration
- > Higher machine availability
- > Higher machine availability
- > Wider coverage and service access
- > Damage protection

## X24 additional features

- Light duty boom structure
  - Load distribution plates
  - Large diameter pins
  - 3 boom sections, X24-420R
- > Rock breaking and light raking capability
  - > Longer service life
  - > Reduced wear and tear
  - > Small parking radius and more flexible reach





	X22-290R	X22-320	X22-350
Maximum reach (incl. nominal breaker), m	4.0	4.8	5.2
Horizontal reach, max (breaker vertical), m	2.9	3.1	3.4
Vertical reach, max (incl. nominal breaker), m	1.8	3.2	4.1
Recommended breaker weight, kg	200–400	250–600	250–600
Operating mass, excluding breaker PowerPack and control console, kg	1000	1335	1400

	X24-290R	X24-420R
Maximum reach (incl. nominal breaker), m	4.6	5.8
Horizontal reach, max (breaker vertical), m	3.1	4.4
Vertical reach, max (incl. nominal breaker), m	2.4	3.7
Recommended breaker weight, kg	300–600	
Operating mass, excluding breaker, PowerPack and control console, kg	1450	1680



# Light to meduim duty booms for jaw crushers

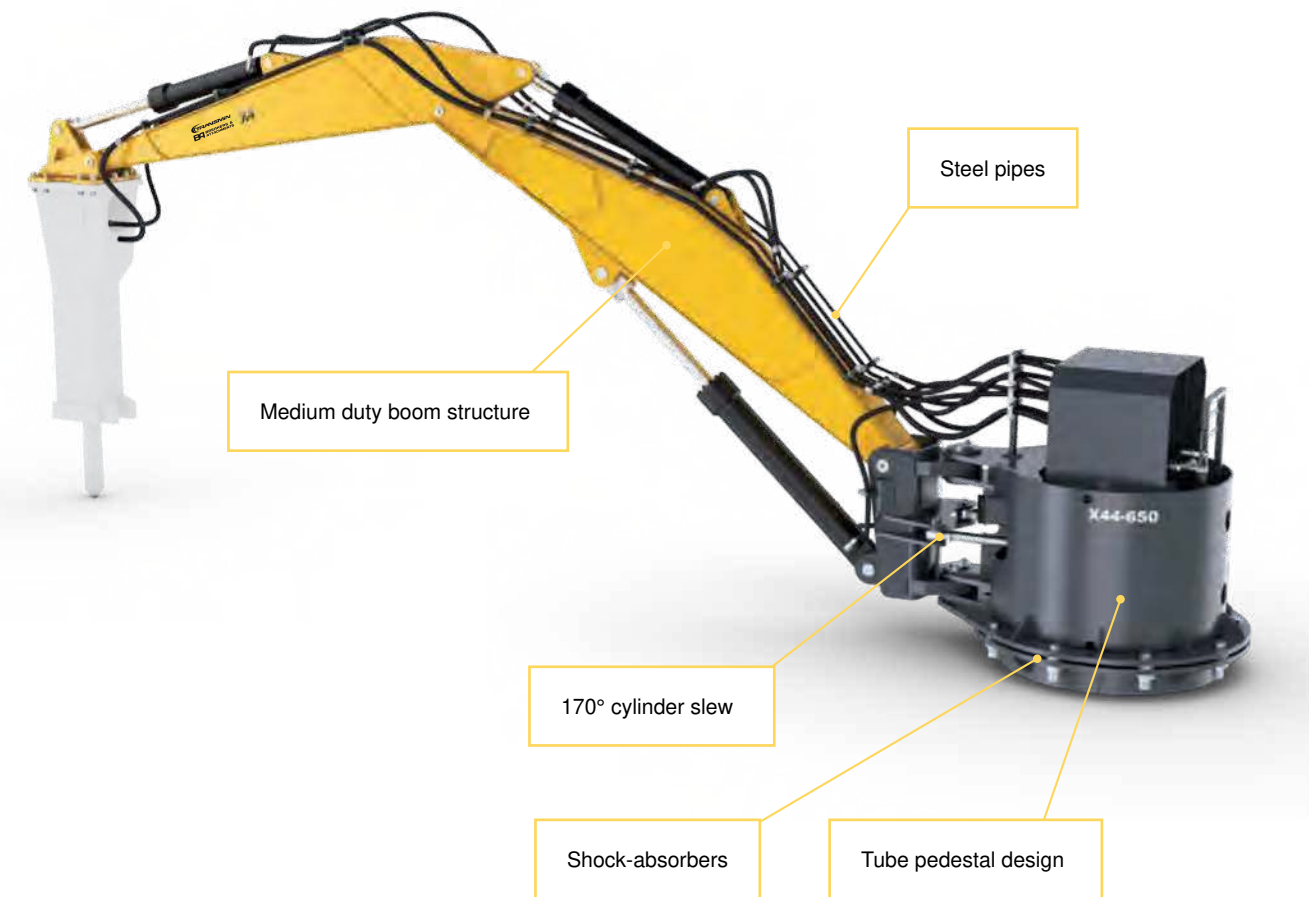
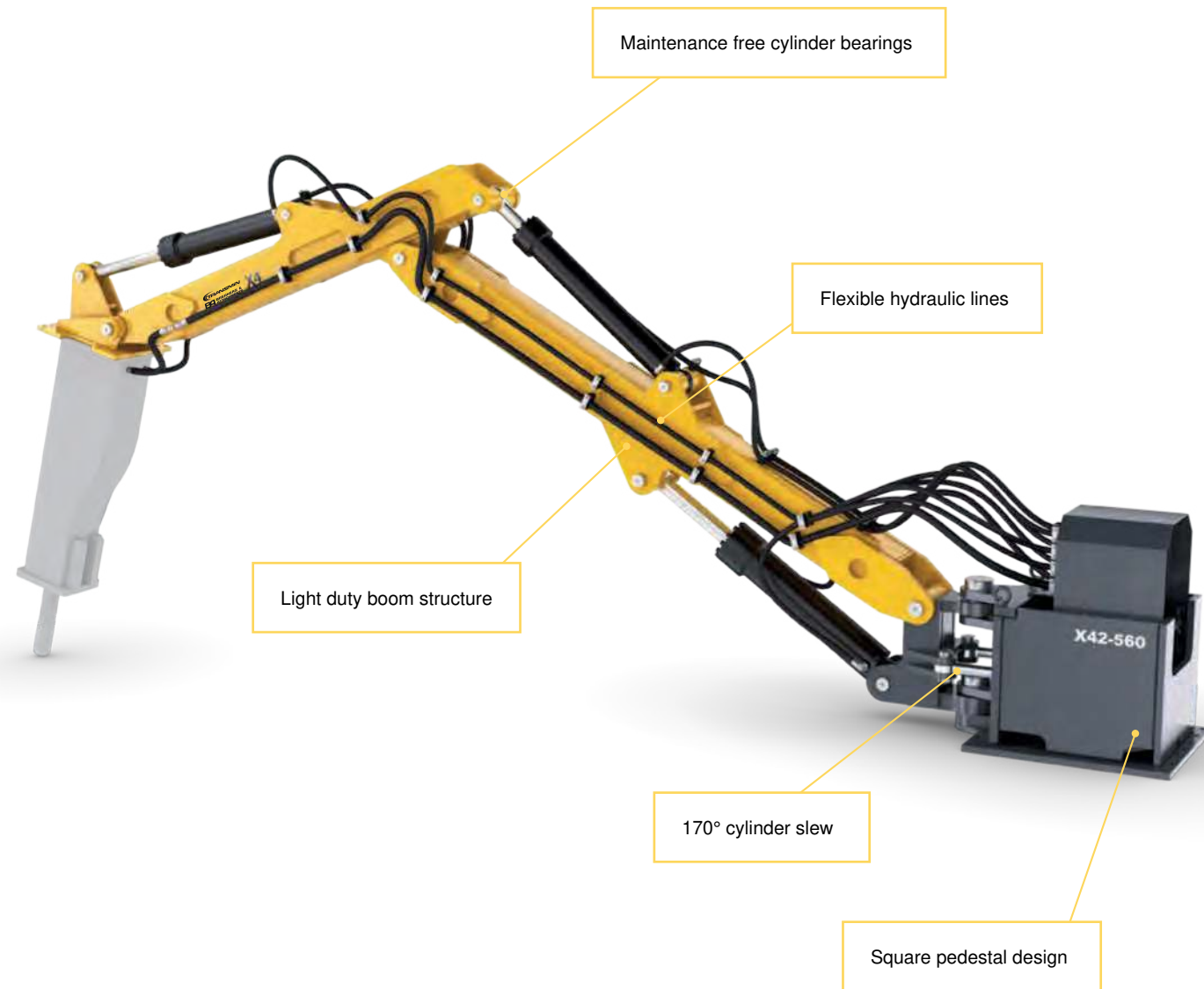
## Features

- Specially designed geometry
- Maintenance free cylinder bearings
- Pin lock system
- 170° cylinder slew

## Benefits

- > Optimized for jaw crushers
- > Higher machine availability
- > Easy maintenance
- > Longer horizontal reach





Light	X42-390	X42-430	X42-460	X42-560	X42-580	X42-620
Maximum reach (incl. nominal breaker), m	6.0	6.5	6.8	7.7	7.7	8.4
Horizontal reach, max (breaker vertical), m	3.9	4.3	4.6	5.6	5.8	6.2
Vertical reach, max (incl. nominal breaker), m	4.3	4.8	5.1	5.5	5.5	6.3
Recommended breaker weight, kg	400–1000					
Operating mass, excluding breaker, PowerPack and control console, kg	2500	2550	2600	2650	2700	2750

Medium	X46-480	X46-590	X46-670
Maximum reach (incl. nominal breaker), m	6.9	7.9	8.6
Horizontal reach, max (breaker vertical), m	5.0	6.0	6.7
Vertical reach, max (incl. nominal breaker), m	3.2	4.6	5.3
Recommended breaker weight, kg	1000-2000		
Operating mass, excluding breaker, PowerPack and control console, kg	6300	6830	7130



# Heavy duty booms for gyratory crushers

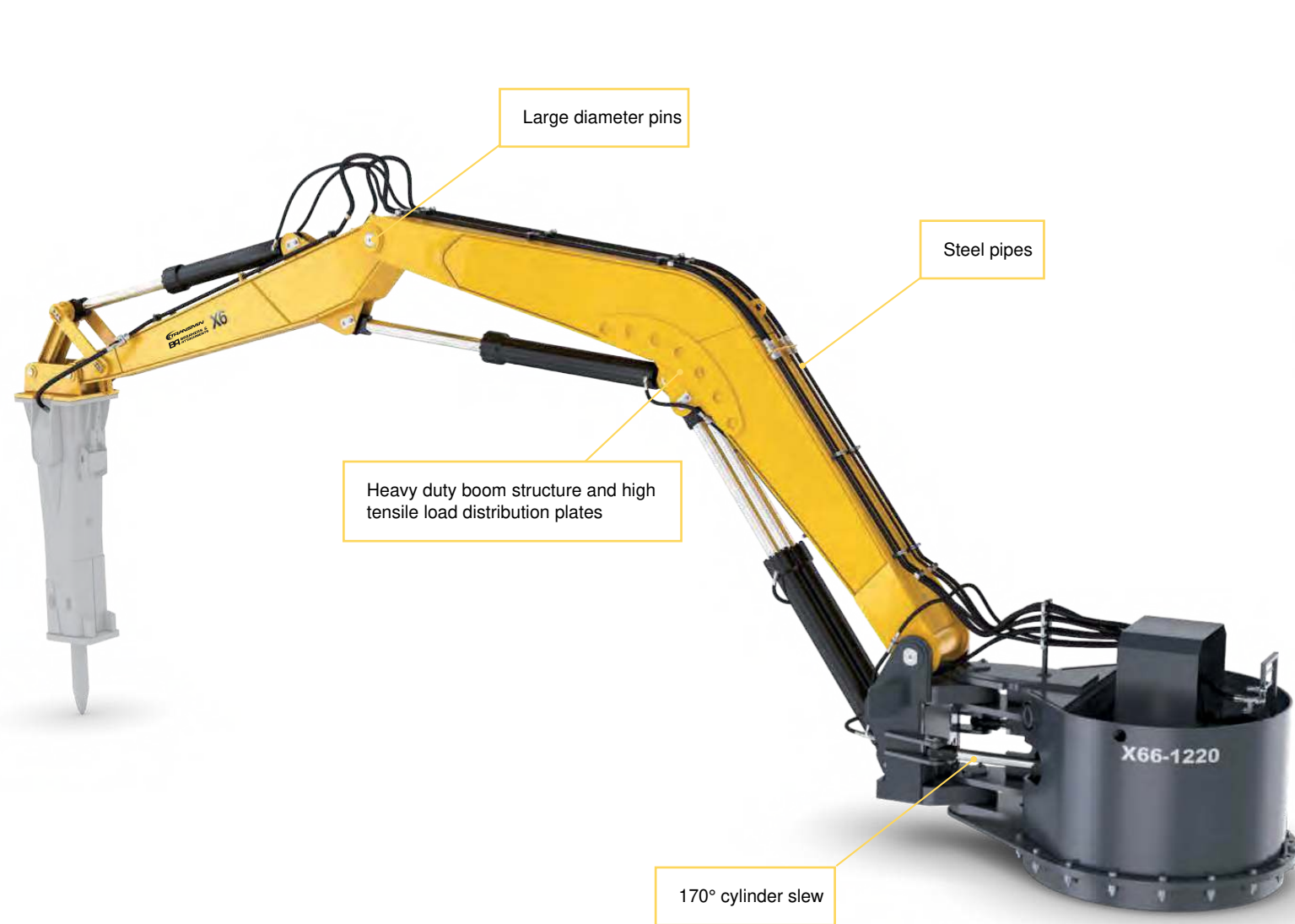
## Features

- Heavy duty boom structure
- High tensile load distribution plates
- Large diameter pins
- Pin lock system
- 170° cylinder slew
- 270° slew bearing

## Benefits

- > Hard rock breaking and heavy raking capability
- > Longer service life
- > Reduced wear and tear
- > Higher machine availability
- > Longer horizontal reach
- > Wider coverage and service access





	X66-980	X66-1050	X66-1220	X66-1410
Maximum reach (incl. nominal breaker), m	12.7	13.4	14.6	17.0
Horizontal reach, max (breaker vertical), m	9.8	10.5	12.2	14.1
Vertical reach, max (incl. nominal breaker), m	9.2	10.0	10.6	13.2
Recommended breaker weight, kg	1500-3500			
Operating mass, excluding breaker, PowerPack and control console, kg	15100	15500	16500	17500

	X66-980R	X66-1050R	X66-1220R	X66-1410R
Maximum reach (incl. nominal breaker), m	12.7	13.4	14.6	17.0
Horizontal reach, max (breaker vertical), m	9.8	10.5	12.2	14.1
Vertical reach, max (incl. nominal breaker), m	9.2	10.0	10.6	13.2
Recommended breaker weight, kg	1500-3500			
Operating mass, excluding breaker, PowerPack and control console, kg	11100	11500	12500	13500



# Heavy duty booms for grizzlies

## Features

- Heavy duty boom structure
- High tensile load distribution plates
- Large diameter pins
- Pin lock system
- Top mounted tilt-cylinder
- 170 ° cylinder slew
- Identical cylinders

## Benefits

- > Hard rock breaking and extreme raking capability
- > Longer service life
- > Reduced wear and tear
- > Higher machine availability
- > Fly-rock protection
- > Longer horizontal reach
- > Reduced stock



	X86-550	X86-640	X86-790
Maximum reach (incl. nominal breaker), m	8.0	9.0	10.1
Horizontal reach, max (breaker vertical), m	5.5	6.4	8.0
Vertical reach, max (incl. nominal breaker), m	5.1	6.1	6.5
Recommended breaker weight, kg	1200-2500		
Operating mass, excluding breaker, PowerPack and control console, kg	7250	7400	7800

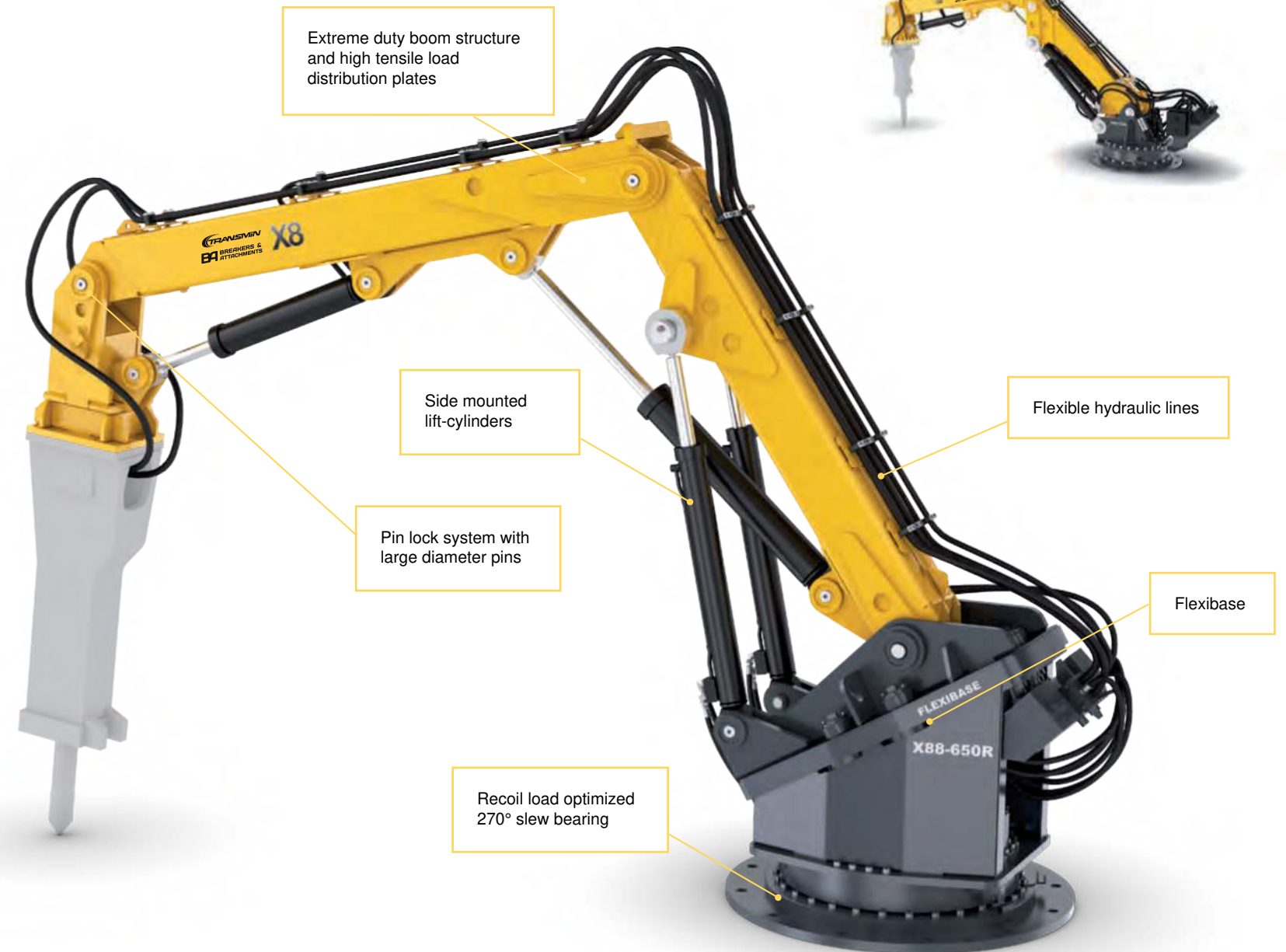
# Extreme duty booms for grizzlies

## Features

- Extreme duty boom structure
- High tensile load distribution plates
- Large diameter pins
- Pin lock system
- Side mounted lift-cylinders
- Flexibase
- 270° slew bearing
- Flexible hydraulic lines

## Benefits

- > Hard rock breaking and extreme raking capability
- > Longer service life
- > Reduced wear and tear
- > Higher machine availability
- > Raking stabilization
- > Reduced vibration in foundation
- > Wider coverage and service access
- > Easy repair



	X88-540R	X88-650R
Maximum reach (incl. nominal breaker), m	7.0	8.7
Horizontal reach, max (breaker vertical), m	5.4	6.5
Vertical reach, max (incl. nominal breaker), m	3.7	4.3
Recommended breaker weight, kg	750-1700	
Operating mass, excluding breaker, PowerPack and control console, kg	8350	9700



# Heavy duty booms for small grizzlies

## Features

- Heavy duty boom structure
- Low profile design
- Load distribution plates
- Maintenance free cylinder bearings
- 270° slew bearing
- Internal hydraulic lines

## Benefits

- > Hard rock breaking and heavy raking capability
- > Low headroom
- > Longer service life
- > Higher machine availability
- > Wider coverage and service access
- > Damage protection



	X86-340R
Maximum reach (incl. nominal breaker), m	4.4
Horizontal reach, max (breaker vertical), m	3.4
Vertical reach, max (incl. nominal breaker), m	1.7
Recommended breaker weight, kg	300-500
Operating mass, excluding breaker, PowerPack and control console, kg	1300



# Options

## Centralised lubrication

- Manual centralised lubrication – creates a central point at the base of the boom system to allow lubrication of all pivot pins from a single point.
- Automatic centralised lubrication – creates a central point at the base of the boom system to allow lubrication of all pivot pins from a single point via an automatic grease pump.

## Radio control

- Standard duty – utilises a belt and lightweight controller.
- Heavy duty – utilises a chest plate and harness with heavyweight joysticks.

## Radio Control System Main Components and Interconnecting Cables



Base Unit

Standard Duty



Heavy Duty



Radio Control Units



Batteries and Charger



Valve harness and External e-stop

# Hydraulic Powerpacks



	PU18-43	PU30-63	PU37-87	PU45-121	PU55-151
Weight without oil, kg	800	900	950	1200	1310
Length, mm			1680		
Width, mm			1100		
Height, mm			1890		
Oil tank volume, l	250	250	250	400	400
Hydraulic Pump Type	Gear				
Oil flow, l/min 1500 rpm (50Hz)	65	90	125	180	220
Oil flow, l/min 1800 rpm (60Hz)	78	108	150	216	264
Motor power 50Hz	18	30	37	45	55
Motor power 60Hz	22	36	45	55	66

Optional oil heater.



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