

The background of the advertisement features a teal-tinted photograph of an excavator equipped with a slurry pump attachment. The excavator is positioned on a rocky embankment overlooking a wide, flat desert valley. The sky is clear and blue. The overall aesthetic is industrial and rugged.

Slurry Champ[®]

HYDRAULIC
SUBMERSIBLE SLURRY PUMPS

by *Goodwin*[®]

SlurryChamp®

HYDRAULIC SUBMERSIBLE SLURRY PUMPS

Designed and manufactured to the highest standards meaning reliability, endurance and performance are guaranteed. Suitable for suspended installations in sumps, tanks and lagoons or alternatively excavator mounted for mobile dredging.



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FOR THE
TOUGHEST JOBS
ALWAYS USE
THE BEST PUMPS



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SEE THE PUMPS
IN ACTION

Goodwin

SlurryChamp®

Designed and manufactured by
Goodwin Submersible Pumps

Slurrychamp embodies all the engineering excellence of Goodwin electric submersible pumps, a range of pumps manufactured for over 40 years with a global reputation for reliability.

Intended for pumping heavy slurry in applications such as mining, construction and power generation.

International coverage via Goodwin dealerships and approved distributors.

Easily driven from trailer mounted hydraulic power packs or alternatively from excavator circuits.



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MINE TAILINGS
RIVER AND POND DREDGING
COAL ASH SLURRY
SAND AND SILT
MUD PUMPING
SLUDGE AND WASTE SLURRY

NUMBER ONE
FOR RELIABILITY,
STRENGTH
& ENDURANCE



SEE THE PUMPS
IN ACTION



Goodwin®

SlurryChamp 100mm REGULAR & XP

	METRIC	IMPERIAL
Design fluid handled	Slurry	Slurry
Maximum fluid SG	2.0 kg/l	124 lb/ft ³
Maximum fluid solids content	55 % by weight	55 % by weight
Maximum particle size	32 mm	1.25 inches
Maximum fluid temperature	90 °C	194 °F
Recommended pH range	4-10	4-10
Weight	425 kg 525 kg (XP)	937 lb 1150 lb (XP)
Outlet diameter	100 mm	4 inches
Maximum flow	230 m ³ /hr @ 1500rpm	1000 USgpm @ 1500rpm
Maximum head	51 m (5.0 bar) @ 1800rpm	167ft @ 1800rpm
Impeller diameter	320 mm	12.6 inches
Impeller tip speed	30 m/s @ 1800rpm	98 ft/sec @ 1800rpm
Maximum submergence depth*	28 m	92 ft
Motor displacement	63cc	63cc
Speed range	1200 - 1800rpm	1200 - 1800rpm



* 28m as standard, can be deeper if required

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100 REGULAR & XP

FOR HEAVY DUTY APPLICATIONS

- Single piece cast iron body to enhance rigidity and reduce wear
- Precision bearings run in oil bath for lubrication and cooling
- Twin volute casing design to reduce rotational imbalance and increase lifetime of bearings and seals
- Rotating inducer creates hydrodynamic shock waves to re-suspend settled particles beneath the pump inlet
- Replaceable wet end components made from carefully chosen wear resistant alloys to create a heavy duty, long lifetime wet end
- Single stage, open vane impeller
- Non pressurised mechanical seal
- Bent axis swash plate piston motor available in drainless or heavy duty (with case drain) configurations



SEE THE PUMPS
IN ACTION

Goodwin

SlurryChamp SIDECUTTERS

	METRIC	IMPERIAL
Design fluid handled	Slurry	Slurry
Maximum fluid SG	2.0 kg/l	124 lb/ft ³
Maximum fluid solids content	55 % by weight	55 % by weight
Maximum particle size	32 mm	1.25 inches
Maximum fluid temperature	90 °C	194 °F
Recommended pH range	4-10	4-10
Weight	1200 kg	2645 lb
Outlet diameter	100 mm	4 inches
Maximum flow	230 m ³ /hr @ 1500rpm	1000 USgpm @ 1500rpm
Maximum head	51 m (5.0 bar) @ 1800rpm	167ft @ 1800rpm
Impeller diameter	320 mm	12.6 inches
Impeller tip speed	30 m/s @ 1800rpm	98 ft/sec @ 1800rpm
Maximum submergence depth*	28 m	92 ft
Motor displacement	63cc	63cc
Speed range	1200 - 1800rpm	1200 - 1800rpm
Cutter speed	20 rpm	20 rpm



* 28m as standard, can be deeper if required

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100 SIDECUTTERS

FOR ULTRA HEAVY DUTY APPLICATIONS

- Slow rotating cutter heads dig into and suspend settled solids
- Cutting heads made from hard alloy to prolong lifetime
- Hydraulic motors synchronised to give consistent cutter speeds with single hydraulic connection points
- Single piece cast iron body to enhance rigidity and reduce wear
- Precision bearings run in oil bath for lubrication and cooling
- Twin volute casing design to reduce rotational imbalance and increase lifetime of bearings and seals
- Rotating inducer creates hydrodynamic shock waves to re-suspend settled particles beneath the pump inlet
- Replaceable wet end components made from carefully chosen wear resistant alloys to create a heavy duty, long lifetime wet end
- Single stage, open vane impeller
- Non pressurised mechanical seal



SEE THE PUMPS
IN ACTION

Goodwin

SlurryChamp 100mm L & XPL

	METRIC	IMPERIAL
Design fluid handled	Slurry	Slurry
Maximum fluid SG	2.0 kg/l	124 lb/ft ³
Maximum fluid solids content	55 % by weight	55 % by weight
Maximum particle size	32 mm	1.25 inches
Maximum fluid temperature	90 °C	194 °F
Recommended pH range	4-10	4-10
Weight	425 kg (L) 500 KG (XPL)	826 lb (L) 1100 lb (XPL)
Outlet diameter	100 mm	4 inches
Maximum flow	230 m ³ /hr @ 1500rpm	1000 USgpm @ 1500rpm
Maximum head	51 m (5.0 bar) @ 1800rpm	167ft @ 1800rpm
Impeller diameter	320 mm	12.6 inches
Impeller tip speed	30 m/s @ 1800rpm	98 ft/sec @ 1800rpm
Maximum submergence depth*	28 m	92 ft
Motor displacement	63cc	63cc
Speed range	1200 - 1800rpm	1200 - 1800rpm



* 28m as standard, can be deeper if required



SEE THE PUMPS
IN ACTION

100 L & XPL

FOR LIGHT DUTY APPLICATIONS

- Single piece cast iron body and casing to enhance rigidity and reduce wear
- Bearings run in oil bath for lubrication and cooling
- Twin volute casing design to reduce rotational imbalance and increase lifetime of bearings and seals
- Rotating inducer creates hydrodynamic shock waves to re-suspend settled particles beneath the pump inlet
- Replaceable wet end components made from carefully chosen wear resistant alloys to create a heavy duty, long lifetime wet end
- Single stage, open vane impeller
- Precision bearings
- Non pressurised mechanical seal
- Bent axis swash plate piston motor available in drainless or heavy duty (with case drain) configurations

SlurryChamp 100mm XPLB

	METRIC	IMPERIAL
Design fluid handled	Slurry	Slurry
Maximum fluid SG	1.3 kg/l	81 lb/ft ³
Maximum fluid solids content	55 % by weight	55 % by weight
Maximum particle size	32 mm	1.25 inches
Maximum fluid temperature	90 °C	194 °F
Recommended pH range	4-10	4-10
Weight	436 kg	962 lb
Outlet diameter	100 mm	4 inches
Maximum flow	170 m ³ /hr @ 1500rpm	748 USgpm @ 1500rpm
Maximum head	37 m (3.6 bar) @ 1500rpm	122ft @ 1500rpm
Impeller diameter	320 mm	12.6 inches
Impeller tip speed	25 m/s @ 1500rpm	82 ft/sec @ 1500rpm
Maximum submergence depth*	28 m	92 ft
Motor displacement	50cc	50cc
Speed range	1000 - 1500rpm	1000 - 1500rpm



SEE THE PUMPS
IN ACTION

* 28m as standard, can be deeper if required

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100 XPLB

FOR BACKHOE FITMENT

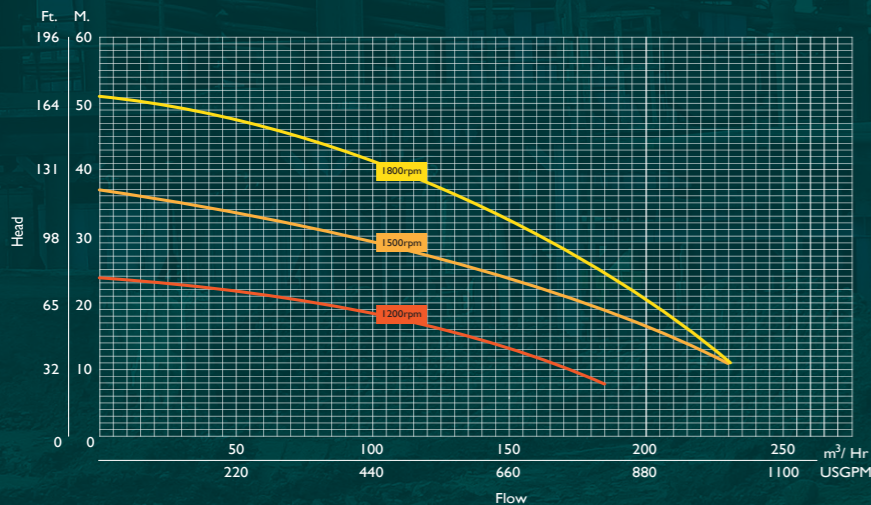
- Single piece cast iron body to enhance rigidity and reduce wear
- Precision bearings run in oil bath for lubrication and cooling
- Twin volute casing design to reduce rotational imbalance and increase lifetime of bearings and seals
- Rotating inducer creates hydrodynamic shock waves to re-suspend settled particles beneath the pump inlet
- Replaceable wet end components made from carefully chosen wear resistant alloys to create a heavy duty, long lifetime wet end
- Single stage, open vane impeller
- Non pressurised mechanical seal
- Bent axis swash plate piston motor in drainless configuration suitable for backhoe excavators

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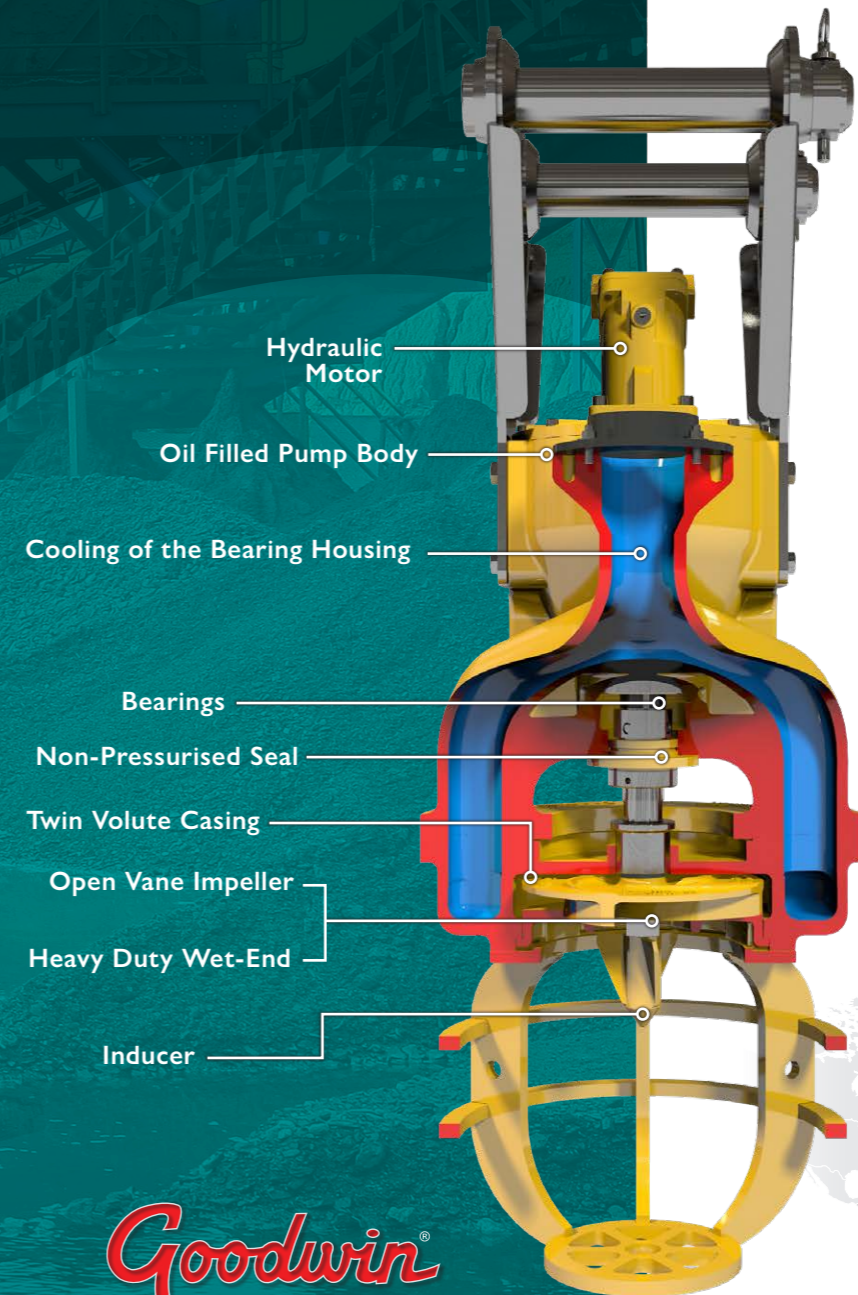
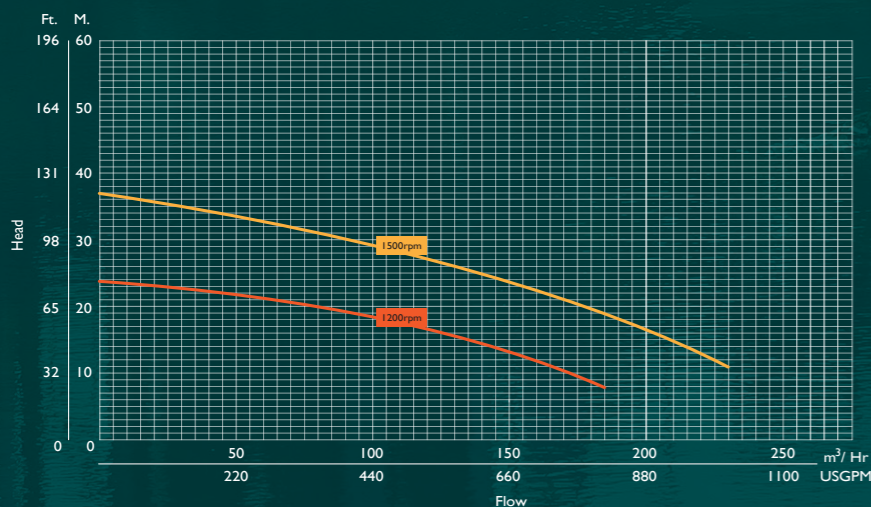
SlurryChamp



Slurrychamp, XP, L & XPL

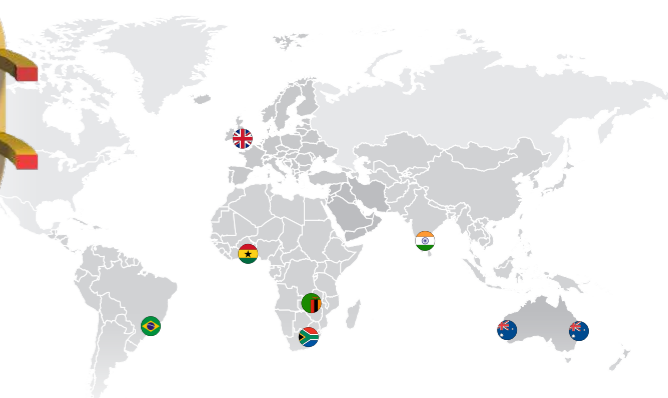


XPLB



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