

**UNICORN EQUIPMENT**  
BUILD YOUR WAY BETTER

# UNICORN EQUIPMENT

# IN HENCE IN TRUST



## Rajiv Bhardwaj- Founder- Unicorn Equipment

Unicorn Equipments brand of well reputed vendor of Indian Forces since 1986. Unicorn Equipment is a fully Indian company with long experience of machine assembling point in India. Product development and assembly takes place at our facility in Delhi. The development and design work is guided by products with well thought-out function, good ergonomics, quality material selection and consideration of both cycle and work environment. Our products are among the major construction rental companies in India, but also among smaller contractors.

### **The dialogue with customers provides the basis for development**

The rental companies and their customers' demands for sustainability and product quality are high. They give us valuable views that we take into account when developing new products. Based on customer requests, the product program will therefore be broadened to include products for concrete treatment.

### **Quality and environment**

Our ambitions are considerably higher than that. The main customer group consists of the most demanding companies—the all construction companies, and they specify more than any other quality level. We endeavour to be responsive and respond quickly, all in order to drive the development forward. Of course, we work in C and other programs and collaborate with external consultants and industrial designers to create the best solutions both from a numerical and manufacturing perspective.

### **UNICORN environmental policy**

#### **Assembling**

Our products are assembled in DELHI, an area with long experience of machine manufacturing. Entrepreneurial spirit and are deeply rooted in us. The knowledge of soil and asphalt packing within UNICORN goes back more than 10 years in the past and has always led us forward in the development of new products and solutions.

#### **Close selected subcontractors**

The components are manufactured by subcontractors, selected with respect to quality, delivery reliability, environmental ambitions and resources to, together with UNICORN, continuously develop the end product.

#### **Construction and development.**

All UNICORN products are designed and manufactured for the rental & construction industry. Rugged chassis, proven engines and oversized air filters are clear evidence of how we think. And because the products can easily be transported, they have large and well-placed lifting brackets. The machines are often subjected to rough treatment and harsh climate. Therefore, we have chosen to galvanize the chassis in order to achieve the very longest service life, in addition it increases the secondary value. The zinc layer resists scraping better than any other surface treatment and protects the steel by its ability to self-heal.



# BAR BENDING MACHINE



## Technical Parameters

## PREMIUM MODEL

DESCRIPTION	METRIC	METRIC	METRIC	METRIC	METRIC	METRIC	METRIC	METRIC
MODEL	GW42	GW 42 SP	GW 50	GW 52	UNI 42 B	UNI 42 P	UNI 50 B	UNI 52 P
OPERATION	AUTOMATIC	AUTOMATIC	AUTOMATIC	AUTOMATIC	AUTOMATIC	AUTOMATIC	AUTOMATIC	AUTOMATIC
BAR BENDING DIAMETER	6-32MM	6-25MM	6-42MM	6-42MM	6-32MM	6-32MM	6-42MM	6-42MM
TYPE OF MOTOR	COPPER WINDING (BRAKE MOTOR)	COPPER WINDING (BRAKE MOTOR)	COPPER WINDING	COPPER WINDING (BRAKE MOTOR)	COPPER WINDING (BRAKE MOTOR)	COPPER WINDING (PLANETARY GEAR)	COPPER WINDING	COPPER WINDING (PLANETARY GEAR)
MOTOR POWER	3.7 KW / 4 HP	3.7 KW / 4 HP	4 KW / 5 HP	4 KW / 5 HP	4 KW / 5 HP	4 KW / 5 HP	4.5 KW/6 HP	4 KW / 5 HP
PHASE	THREE	SINGLE	THREE	THREE	THREE	THREE	THREE	THREE
MOTOR ROTATION SPEED	1440 R/MIN	1440 R/MIN	1440 R/MIN	1440 R/MIN	1440 R/MIN	1440 R/MIN	1440 R/MIN	1440 R/MIN
WEIGHT	330KG	330KG	400KG	470KG	440KG.	400KG	490KG.	470KG
DIMENSION	850*800*880 MM	850*800*880 MM	940*780*860 MM	940*780*860 MM	850*800*880 MM	850*800*880 MM	740*940*730 MM	940*780*860 MM
VOLTAGE	415V	220V	415V	415V	415V	415V	415V	415V
PRODUCTION CAPACITY	2TON P/H	2TON P/H	2TON P/H	2TON P/H	2TON P/H	2TON P/H	2TON P/H	2TON P/H

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# BAR CUTTING MACHINE



## Technical Parameters

## PREMIUM MODEL

DESCRIPTION	METRIC	METRIC	METRIC	METRIC	METRIC	METRIC
MODEL	GQ42	GQ42 SP	GQ50	GQ 52	UNI 42 C	UNI 50 C
CUTTING DIAMATER	6-32MM	6-25MM	6-42MM	6-42MM	6-32MM	6-42MM
MOTOR POWER	3KW	3KW	4KW	4KW	4KW	4.5KW
CUTTING FREQUENCY	415 V	220 V	415 V	415 V	415 V	415 V
MOTOR RPM	2800 RPM	2800RPM	2800 RPM	2800 RPM	2800 RPM	2800 RPM
DIMENSION	1250X450X655MM	1250X450X655MM	1480X500X910MM	1480X500X910MM	1300X450X680MM	1430X470X750MM
POWER PROTECTION	PHASE PREVENTER	PHASE PREVENTER	PHASE PREVENTER	PHASE PREVENTER	PHASE PREVENTER	PHASE PREVENTER
WEIGHT	400KG	400KG	450KG	490KG	430KG	535KG

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# STIRRUP BENDING MACHINE



## Technical Parameters

DESCRIPTION	METRIC	METRIC	METRIC
MODEL	UNI 20	UNI 20 D	UNI 25
BENDING REBAR DIAMETER	4-16 MM	4-16 MM	4-25 MM
PHASE	THREE	THREE/ SINGLE	THREE
MOTOR POWER	2.2 KW / 3 HP	2.2KW / 3 HP	2.2KW / 3 HP
VOLTAGE	415V	415 V/ 220V	415 V/ 220V
DIMENSION	800X550X800 MM	800X550X800 MM	800X550X800 MM
WEIGHT	110KG	110KG	110KG

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# AUTOMATIC REBAR STIRRUP BENDER MACHINE

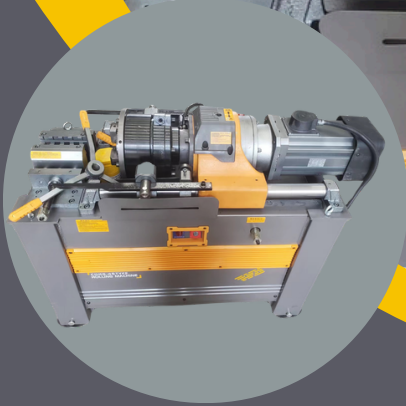


## Technical Parameters

AUTOMATIC REBAR STIRRUP BENDER MACHINE	
SINGLE WIRE BENDING	5-13 MM
DOUBLE WIRE BENDING	5-10 MM
MAX. BENDING ANGLE	±180°
MAX. LENGTH OF STIRRUP SIDE	1000 MM
MIN. LENGTH OF STIRRUP SIDE	50 MM
MAX. BENDING SPEED	1100°/SEC
MAX. TRACTION SPEED	100 M/MIN
BENDING DIRECTION	BI-DIRECTION
LABELED ELECTRIC POWER	TRACTION MOTOR-22 KW
	BENDING MOTOR-7.5 KW
	CUTTING MOTOR-3.75 KW
	FEEDING MOTOR-1.5KW
	AIR COMPRESSOR-4 KW
LENGTH TOLERANCE	1 MM
BENDING TOLERANCE	±1°
AVERAGE ELECTRIC POWER CONSUMPTION	6KW/H
VOLTAGE	380V-50HZ-3P
MACHINE NET WEIGHT	2300KG
OVERALL MACHINE WEIGHT	3100KG(WITH 2X PAY OFF AND 1X AIR COMPRESSOR)
WORKING ENVIRONMENTAL TEMPERATURE	-5 TO 40 C
DIMENSION (LXWXH)	4800X1400X2200MM

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# BAR THREADING MACHINE



## Technical Parameters

DESCRIPTION	METRIC
MODEL	CDRG-45
THREADING DIAMETER	16-32 MM
THREAD PITCH	2.5-3 MM
MAXIMUM WORKING LENGTH	80MM
MOTOR POWER	5.5 KW
VOLTAGE	415 V
MAIN SHAFT SPEED	62R/MIN
WEIGHT	380KG

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# SCRAP STRAIGHTENING MACHINE



## Technical Parameters

DESCRIPTION	METRIC	METRIC	METRIC
MODEL	UNI 6-14	UNI 8-16	UNI 6-25
STRAIGHTENING DIAMETER	6-14 MM	8-16MM	6-25MM
CUTTING SPACE	500-600MM (CAN BE LONGER)	500-600MM (CAN BE LONGER)	NA
MOTOR POWER	5.5KW + 2.2 KW	5.5KW + 2.2 KW	15KW
DIMENSION	740X1070X1250 MM	1410X1100X1400 MM	1400X1000X1350 MM
WEIGHT	650 KG	720 KG	830KG

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# SPIRAL BAR BENDING MACHINE



## Technical Parameters

MODEL	GWH-32
BENDING REBAR DIAMETER	6MM-28 MM
PLATE DIAMETER	360 MM
BENDING SPEED	20R/MIN
MOTOR POWER	4 KW
VOLTAGE	415 V
MOTOR SPEED	1440R/MIN
WEIGHT	320KG
RING DIAMETER	14MM: 500MM+ 16MM: 600MM+ 18MM: 700MM+ 20MM: 800MM+ 22MM: 900MM+ 25MM: 1000MM+ 28MM: 1200MM+

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# PORTABLE BAR BENDING/CUTTING MACHINE



## Technical Parameters

### PORTABLE BAR BENDING MACHINE

MODEL	RB25	RB32
VOLTAGE	230V/110V/220V	230V/110V/220V
WATTAGE	950/1350W	1170W
TYPE	BENDER ONLY HYDRAULIC TYPE	BENDER ONLY HYDRAULIC TYPE
GROSS WEIGHT	32 KGS	36 KGS
MACHINE WEIGHT	28 KGS	32 KGS
BENDING SPEED	5-8 TIMES	8-10 TIMES
MAX BENDING DIA	25 MM	32MM
MIN BENDING DIA	-	4MM
PACKING SIZE	670X385X260MM	760X385X260MM
MACHINE SIZE	560X260X200 MM	560X260X200MM
PACKAGE TYPE	ONE PCS/CARTON/METAL BOX/FIBER BOX	ONE PCS/CARTON/METAL BOX/FIBER BOX
CERTIFICATE	CE/ROHS	CE/ROHS

### PORTABLE BAR CUTTING MACHINE

MODEL	RC16	RC25	RC32
VOLTAGE	220V/110V	220V/110V	220V/110V
WATTAGE	850/900W	1600/1700W	2900/3000W
TYPE	CUTTER ONLY HYDRAULIC TYPE	CUTTER ONLY HYDRAULIC TYPE	CUTTER ONLY HYDRAULIC TYPE
GROSS WEIGHT	16.5 KGS	22 KGS	36 KGS
MACHINE WEIGHT	15 KGS	19 KGS	32 KGS
CUTTING SPEED	5-8 TIMES	5-8 TIMES	8-10 TIMES
MAX CUTTING DIA	16 MM	25 MM	32MM
MIN CUTTING DIA	4MM	4MM	4MM
PACKING SIZE	670X250X245 MM	670X385X260MM	760X385X260MM
MACHINE SIZE	600X170X200 MM	560X260X200 MM	560X260X200MM
PACKAGE TYPE	ONE PCS/CARTON/METAL BOX/ FIBER BOX	ONE PCS/CARTON/METAL BOX/ FIBER BOX	ONE PCS/CARTON/METAL BOX/ FIBER BOX
CERTIFICATE	CE/ROHS	CE/ROHS	CE/ROHS

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# REBAR DECOILING MACHINE

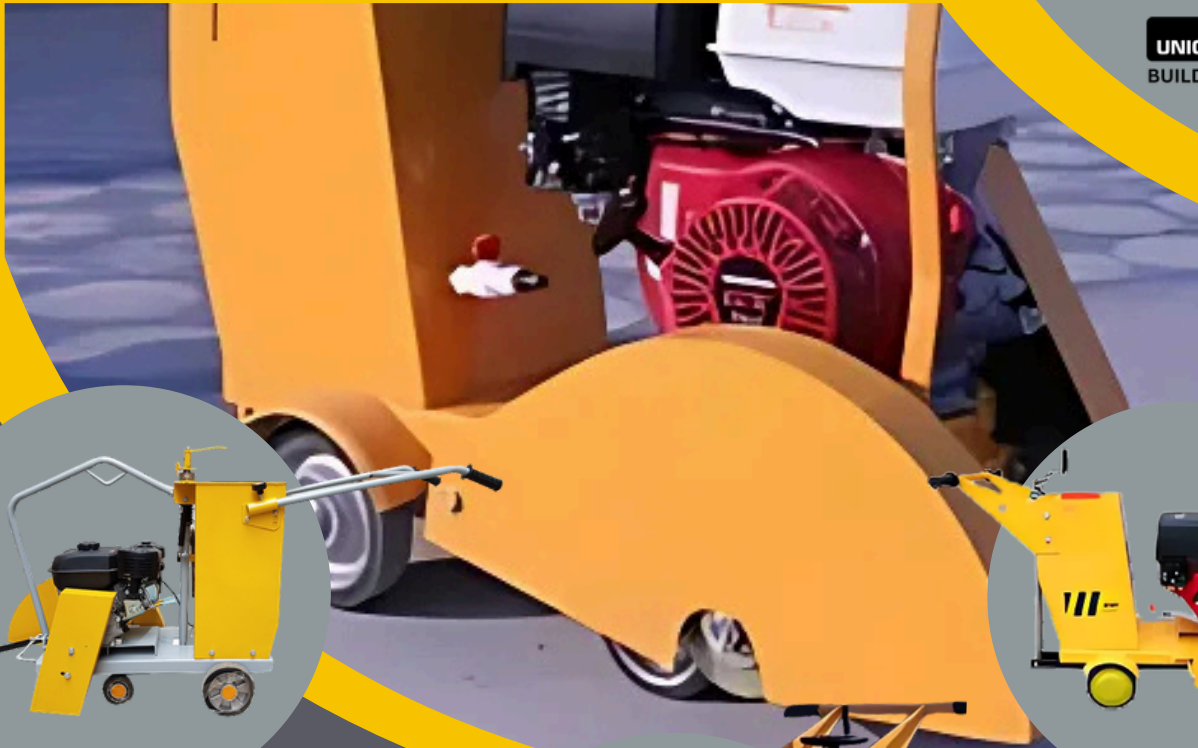


## Technical Parameters

REBAR DECOILING MACHINE UNI4-12 (1/3 PHASE)	
MOTOR POWER	9KW (1440R/MIN)
STRAIGHTEN REBAR DIAMETER	12MM
STRAIGHTEN THE DIAMAETER OF ROUND STEEL	12MM
STRAIGHTENING SPEED	25-35M/MIN
CUTTING ERROR	1CM
OIL PUMP	25 GEAR PUMP
INPUT VOLTAGE	3 PHASE 380V
SIZE	1700X550X1000 MM
WEIGHT	330 KG

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# CONCRETE CUTTER

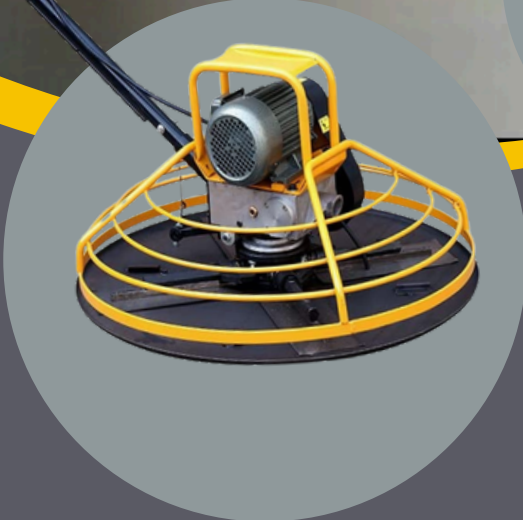


## Technical Parameters

DESCRIPTION	METRIC	METRIC
MAXIMUM DIAMETER OF SAW	20"/500 MM	27"/700 MM
MAXIMUM CUTTING DEPTH	7.5"/190MM	10"/260 MM
ENGINE	ELECTRIC MOTOR (5HP)/(10HP) ,GREAVES 1510 SELF START + AMARON BATTERY (10HP),HONDA GX160 (4HP) MANUAL ,GREAVES 1520 ROPE START	VST SHAKTI DIESEL ENGINE(13HP)
WEIGHT	120KG	300 KG
CAPACITY OF CUTTING	1.5 INCH /4.5 INCH / 7.5 INCH	12 INCH
WHEEL SIZE	350-500MM	700 MM
WATER TANK	30-45 L	40 L
APPLICABLE POWER	5-10HP	13HP
DIMENSION	950X600X1080 MM	1400X700X1150 MM

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# POWER TROWEL

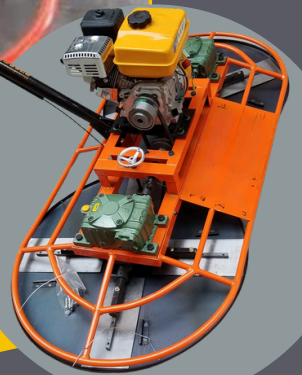


## Technical Parameters

DESCRIPTION	METRIC	METRIC	METRIC
MODEL	UNI 40	UNI 36	UNI 6
DIAMETER	1000 MM	900 MM	600 MM
SPEED	90-120RPM	80-120RPM	80-120RPM
NUMBER OF BLADES	4	4	4
POWER	3HP/415V-220V	3HP/415V-220V	3HP/415V-220V
BLADE SIZE	350X150MM	350X150MM	350X150MM
WEIGHT	91KG	71KG	82KG
MOTOR	CROMPTON	CROMPTON	CROMPTON
ENGINE	HONDA GX160	HONDA GX160	HONDA GX160

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# DOUBLE TROWEL



## Technical Parameters

DESCRIPTION	METRIC
DIAMETER	1000MM X 2
SPEED	3600RPM
NUMBER OF BLADES	4 X 2
POWER	8.6 HP
BLADE SIZE	350 X150 MM
WEIGHT	180KG
ENGINE	HONDA GX390

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# RIDE ON POWER TROWEL



## Technical Parameters

DESCRIPTION	METRIC
ENGINE	HONDA GX690
POWER	17.1KW/23HP
WORKING DIAMETER	1890 MM
BLADE QUANTITY	8
FUEL TANK	12L
ENGINE ROTATING SPEED	3600RPM
PAN ROTATING SPEED	70-150
DIMENSION	L1980*W1020*H1500 MM
WEIGHT	480KG

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# BULL FLOAT



## Technical Parameters

BULL FLOATS-MANGNESIUM BLADE	
NAME	BULL FLOATS-MANGNESIUM BLADE
BLADE SIZE	4'X 8" HANDLE
BLADE SIZE	LENGTH: 47INCH WIDHTH: 8INCH
HADDLE	3M+ 3M (ALUMINIUM PIPE)

BULL FLOATS-ELECTRIC BATTERY	
MODEL	MX120A
BLADE SIZE	120*20MM
MATERIAL	PURE ALUMINIUM
BLADE THICKNESS	SMM
HADDLE	3PCS

TEXTURING BRUSH	
BLADE DIMENSION	1000MM*200MM
BRUSH LENGTH	1000MM
HANDLE LENGTH	5 FEET X 2

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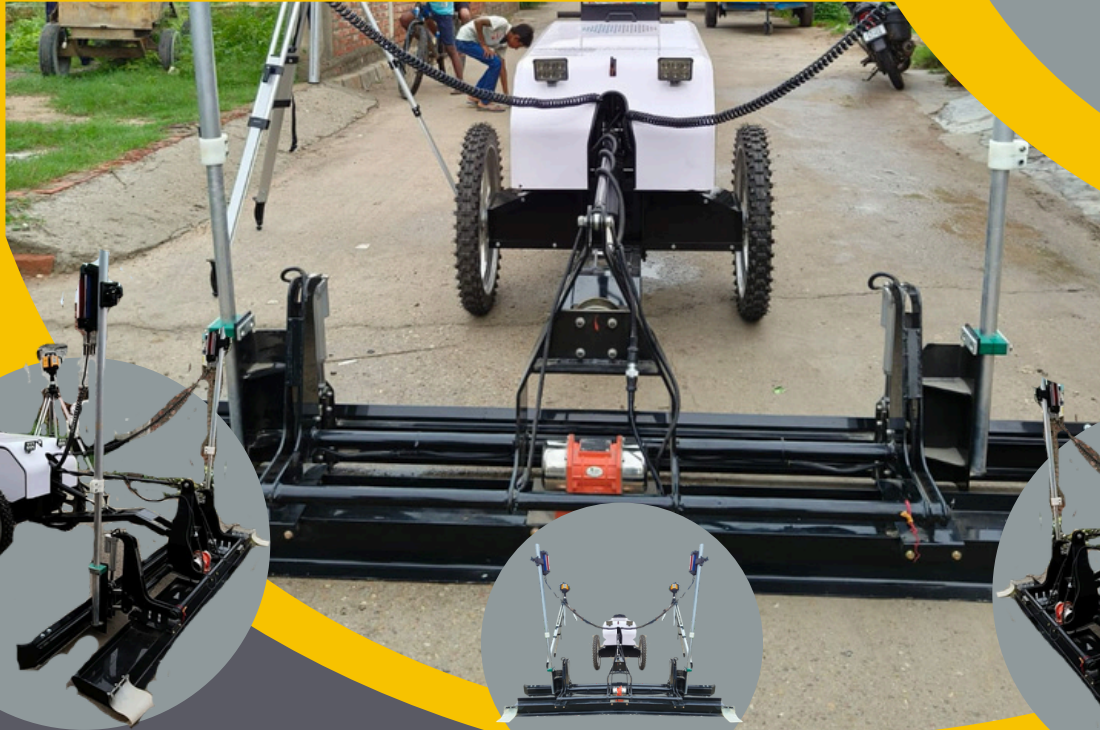
# CONCRETE LASER SCREED



## Technical Parameters

PRODUCT	NAME	CONCRETE LASER SCREED		
	TYPE	WS-940		
ENGINE	ENGINE TYPE	HONDA GX690		
	CHARACTERISTIC	GASOLINE, AIR COOLED 4 STROKE,2		
	POWER	18.4KW/25HP		
	FUEL TANK VOLUME	20L		
	LUBRICATION OIL	1.9L		
LEVELING SYSTEM	SCREED WIDTH	2.5M		
	PAVING MODE	HYDRAULIC SCREW CONVEYOR PAVING		
	PAVING THICKNESS	5-35CM		
	VIBRATING SYSTEM	VIBRATION MOTOR		
	EXCITATION FORCE	2000N		
LASER SYSTEM	VIBRATION	50HZ		
	CONFIGURATION	LASER EMITTER & RECEIVER, TRIPOD		
	BRAND OF LASER SYSTEM	TRIMBLE (STANDARD) LEICA(OPTIONAL)		
	LASER CONTROL	MICROCOMPUTER AUTOMATIC LEVELING		
DRIVING SYSTEM	APPLICABLE SCOPE	FLAT SURFACE、SLOPE、DOUBLE SLOPE (THREE-DIMENSIONAL)		
	DRIVE TYPE	FULL HYDRAULIC DRIVE,		
	TYRE	SOLID PUNCTURE-PROOF AND ANTISKID		
	TYRE WIDTH	9CM & 20CM		
			WS-940 CONFIGURED 2 PAIRS OF TYRES (9CMX2, 20CMX2)	
	WHEEL TRACK	1230MM		
	WHEEL BASE	1290MM		
WALKING SPEED	0-4.5KM/H			
CLEANING SYSTEM	SPEED CONTROL	STEPLESS SPEED CHANGE.		
	TURNING	HYDRAULIC ASSISTANCE, STEERING WHEEL		
	POWER	EXTERNAL MOTOR		
	THEORETICAL FLOW	20CBM/H		
SIZE AND WEIGHT	RATED PRESSURE	7KGS/SQ.CM		
	OUTLINE DIMENSION	3300*2900*1300 MM		
	NET WEIGHT	996 KGS		

# WALK BEHIND LASER CONCRETE LEVELLING MACHINE

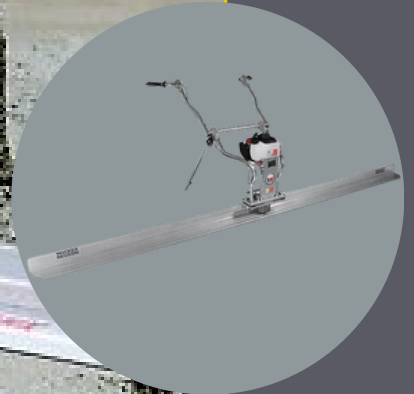


## Technical Parameters

MODEL	LS-325
GENERATOR	HONDA EC2500X (2.6KW, SINGLE CYLINDER FOUR STROKE GENERATOR SET)
PACKAGE	BOX 1:2700*1050*1350MM BOX2:2900*750*920
LASER GENERATOR	LEICA(SWITZERLAND) (635NM VISIBLE LASER, SELF-LEVELING, LEVEL ERROR<+1.5MM/30M, EFFECTIVE LAUNCH DISTANCE 300M)
LASER RECEIVER	LEICA(SWITZERLAND) (EFFECTIVE RECEIVING DISTANCE 300M. ACCURACY OF DEAD ZONES +2.5MM
CONTROL SYSTEM	AC SERVO SYSTEM
DRIVING SYSTEM	PHASE (ITALIAN) (STEEPLES ADJUSTMENT, TURNING FASTER THAN 1:2:5)
AIRFRAME ADJUSTMENT	LEVEL SENSOR AUTOMATIC ADJUSTING SYSTEM
SLOPE WORKING	SINGLE PHASE SLOPE AUTOMATIC ADJUSTMENT
WHEEL TYRE	733NM ATV (1.8-2.2BAR)/3.0-21 NARROW TYRE (1.6-2.1BAR)
VIBRATING SYSTEM	ECCENTRIC VIBRATION MOROR, 300HZ
VIBRATING PLATE	ALUMINIUM ALLOY
SORAPER ADJUSTMENT	COMPUTER CONTROL, AUTOMATIC ADJUSTMENT
WORKING LENGTH	2.6M
REVERSE SPEED	2.5KM/H
MIN. GROUND CLEARANCE	355MM
GROUND FLATNESS	+2MM
GROUND ELEVATION ERROR	+7MM/100M
MAX WORKING RADIUS	≤200MM
WORKING	200M <sup>2</sup> /H-350M <sup>3</sup> /H
DIMENSION (L*W*H)	2748-2900 2044
WEIGHT	230KGS

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# VIBRATORY SCREED



## Technical Parameters

DESCRIPTION	METRIC
WEIGHT (KG)	25
DIMENSION (MM)	3000-4000 L X W1400 X H960
DRIVE SYSTEM	2000 FLEXIBLE SHAFT
ENGINE	HONDA GX 35
TYPE	AIR-COOLED, 4-CYCLE, GASOLINE
MAX. OUTPUT KW(HP)	1.2 HP
MAX. SPEED	5200 RPM
FUEL TANK	0.65 LTR

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# CONCRETE TRUSS SCREED



## Technical Parameters

DESCRIPTION	METRIC
POWER SECTION	HP30
LENGTH (M)	3.1
BEAM WIDTH (MM)	355
HEIGHT (MM)	475
WEIGHT (KG)	92
ENGINE TYPE	HONDA GX270/ ELECTRICAL
MAX. OUTPUT KW(HP)	5.5 HP/ 7.0 HP (9.0 KW)
MAX. SPEED (RPM)	3600
FUEL TANK (LITER)	6.0
CENTER SECTION	HC15
LENGTH (M)	1.5
BEAM WIDTH (MM)	355
HEIGHT (MM)	475
WEIGHT (KG)	26
END SECTION	HE 15
LENGTH (M)	1.5
BEAM WIDTH (MM)	355
HEIGHT (MM)	475
WEIGHT (KG)	30

# CONCRETE VIBRATORY PAVER



## Technical Parameters

ENGINE	ENGINE MODEL	ELECTRIC MOTOR	380 V/50 HZ
	VIBRATOR MOTOR POWER	KW	1.5
	LIFTING MOTOR POWER	KW	1.5
	TRAVELING MOTOR POWER	KW	3
	AUGER MOTOR POWER	KW	4
MAIN PERFORMANCE PARAMETERS	TRAVELING SPEED	M/MIN	0-5
	WORKING WIDTH	MTR	3-8 (CUSTOMIZED)
	DIAMETER OF ROLLER	MM	219
	ROLLER ROTATION	RPM	36
	MAX PAVING THICKNESS	MM	300
VIBRATORS DETAILS	QUANTITY	UNIT	6-12
	DIAMETER	MM.	50
	LENGTH	MTR.	2
	DISTANCE BETWEEN TWO VIBRATOR	MM	500
	MAX. ROTATE SPEED	RPM	3600
PERFORMANCE	SCREED LENGTH	MTR	4-18
	DIMENSION	MM	L*400*960
	TRAVEL SPEED	MIR./MIN	8-10

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# CONCRETE POLISHING & GRINDING MACHINE



## Technical Parameters

PAN DIAMETER	400 MM	630MM
MOTOR POWER	4KW	7.5KW
PAN SPEED	1800RPM	1800RPM
GRINDING BIT	5 PIECE	4 PLATES ,12 BLOCKS
WEIGHT	150 KG	300KG
DIMENSION (LWH)	1280X400X950 MM	1200X700X1170 MM

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# MILLING /SCARIFIER MACHINE



## Technical Parameters

DESCRIPTION	METRIC
DRIVE	MOTOR / ENGINE
POWER	7.5 KW / 9-13 HP
MAXIMUM MILLING WIDTH	250 MM
AXIMUM MILLING DEPTH	5 MM
SHAFT QUANTITY	6 ROOTS
BLADE QUANTITY	108
EFFICIENCY (M2/H)	46-70
DIMENSION	910X470X880 MM
WEIGHT	150 KG

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# PLATE COMPACTOR



## Technical Parameters

MODEL	REVERSIBLE COMPACTOR	REVERSIBLE ELECTRIC PLATE COMPACTOR	PLATE COMPACTOR	ELECTRIC PLATE COMPACTOR
ENGINE MOTOR TYPE	AIR COOLED, SINGLE CYLINDER 4-STROKE	ELECTRIC MOTOR -5HP	AIR COOLED, SINGLE CYLINDER 4-STROKE	CROMPTON MOTOR -3HP
ENGINE	GREAVES 5HP 1520/ HONDA GX160	NA	HONDA GX160	NA
WORKING DIRECTION	FORWARD AND REVERSE	FORWARD AND REVERSE	FORWARD	FORWARD
POWER	5HP	5HP	5HP	3HP
SIZE OF BASE PLATE	65 X 50 CM	65 X 50 CM	60X42 CM	60X42 CM
COMPACTION DEPTH	50 CM	50 CM	30CM	30CM
CENTRIFUGAL FORCE	30KN	30KN	15KN	15KN
SHIPPING SIZE (L*W*H)	91*53*110 CM	91*53*110 CM	79X52X69 CM	79X52X69 CM
SHIPPING WEIGHT	168 KG	150 KG	90KG	90KG

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# TAMPING RAMMER



## Technical Parameters

DESCRIPTION	METRIC	METRIC
TYPE	RAMMER WITH ELECTRIC MOTOR 3P/1P	RM80 WITH GX160 HONDA ENGINE
MODEL	UNI100	UNI100
RAMMING FREQUENCY	600-700TIME/MIN	600-700TIME/MIN
ADVANCED SPEED	10-13M/MIN	10-13M/MIN
BOUNCE HEIGHT	40-70MM	40-70MM
MOTOR POWER	2.2KW/3HP/1HP	NA
VOLTAGE	415V/220V	NA
NET TORQUE	7.618-F(10.3NM)@2500RPM	7.618-FT(10.3NM)@2500RPM
GROSS WEIGHT	62KG	73KG
ENGINE TYPE	NA	GX160 HONDA AIR COOLED 4 STROKE OHV
NET POWER OUTPUT	4HP/3600RPM	4HP/3600RPM

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# WALK BEHIND ROLLER



## Technical Parameters

MODEL	UNI 580	UNI 600
ENGINE (DIESEL)/POWER	GREAVES 5520/5HP/HONDA GX 160/4HP	GREAVES 10 HP/HONDA GX390
VIBRATORY FREQUENCY	70HZ	70HZ
COMPACTION OF SOIL	25CM	25CM
COMPACTED ASPHALT	20CM	20CM
EXCITING FORCE	16KN	30KN
WATER TANK CAPACITY	17LTR.	20LTR
DRUM SIZE (DIA X W)	425 X 600 MM	(425 X 600 MM) X 2
MAX TRAVELLING SPEED	0-3 KM/H	0-3 KM/H
GRADE ABILITY	-	30%
TRANSMISSION SYSTEM	-	HYDRAULIC
WEIGHT	330KG	650KG

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# RIDE ON ROLLER



## Technical Parameters

MODEL	UNI 880	UNI 1200
WEIGHT	800 KGS	1200 KGS
CAPACITY OF WATER TANK	35 LTR.	60 LTR.
CAPACITY OF OIL TANK	3.6 LTR.	19 LTR.
WALKING SPEED	0-4 KM/H	0-5 KM/H
TURNING RADIUS	2000MM	2500MM
STARTING WAY	ELECTRICAL STARTING	ELECTRICAL STARTING
DRIVE MODEL	MECHANICAL	HYDRAULIC
WALKING MODEL	FORWARDING & BACK	FORWARDING & BACK
WHEEL SIZE	750 Ø 560MM (FORWARD) 500 560MM (BACK)	800 560MM (FORWARD) 800*560MM (BACK)
VIBRATING CLUTCH METHOD	ELECTROMAGNETIC	ELECTROMAGNETIC
CENTRIFUGAL FORCE	35 KN (3.5 TON)	50 KN (5 TON)
VIBRATION FREQUENCY	70 HZ	70 HZ
GRADE ABILITY	30%	30%
PACKAGE SIZE	2000*900*1400MM	1900*920*1500MM
ENGINE	DIESEL / PETROL ENGINE	IMPORTED DIESEL ENGINE
ENGINE TYPE	GREAVES AIR COOL DIESEL	AIR COOL DIESEL
FUEL CONSUMPTION	200G/KWH	280G/KWH
COMPACTION AREA	40000 SQ FT P/H	50000 SQ FT P/H

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# SUSPENDED PLATFORM



## Technical Parameters

SPECIFICATION	UNI 800	METRIC	
SUSPENSION MECHANISM (MM)	PROJECTING LENGTH	1300-1500 (ADJUSTING DISTANCE 200) MM	
	ADJUSTABLE HEIGHT	1200-1600 (ADJUSTING DISTANCE 100) MM	
WEIGHT	LENGTH	6000	
	PLATFORM	210 KG (WITHOUT COUNTER WEIGHT)	
	SUSPENSION MECHANISM	TYPE: LTD80	
	HOIST	CAPACITY: 1.8 KW	
		VOLTAGE: 380 V	
		SPEED: 8-10 M/MIN	
		RATED LIFTING FORCE: 8 KN	
	HOIST WEIGHT: 48 KG X 2		
	SAFETY BOX SPECIFICATION	TYPE: LSF30	
		PERMISSION FORCE OF IMPACT: 30 KN	
		LOCKING CABLE: 3"-8"	
		WEIGHT: 5.5 KG X 2	
	ELECTRICAL CONTROL BOX		14 KG
STEEL WIRE ROPE (4X31-09.1)		4 ROPE 25 KG	
ELECTRIC WIRE (4X50)		22 KG	
SAFETY ROPE		13 KG	
COMPLETE MACHINE (WITHOUT COUNT WEIGHT)		800 KG	
FRONT BASKET FENCE HEIGHT		1050MM	
BACK BASKET FENCE HEIGHT		1200MM	

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# PLASTERING MACHINE



## Technical Parameters

ITEM/ MODEL	UNI 10M	UNI 20M	UNI 50M
MOTOR POWER	4KW	7.5 KW	11 KW
WORKING PRESSURE	3.5 MPA	5 MPA	6 MPA
MAK HORIZONTAL TRAVEL	17 M	20 M	60 M
MAK VERTICAL TRAVEL	10 M	15 M	50 M
MATERIAL STANDARD	< 5 MM	< 4 MM	< 6 MM
PIPE DIA	32 MM	32/38 MM	38 MM
BUCKET CAPACITY	50	70 L	60
MACHINE VOLTAGE	220 V	220/380 V	220/380 V
MACHINE SIZE	1550 X 420 X 830 MM	1600 X 500 X 750 MM	1650 X 450 X 750 MM
MACHINE WEIGHT	-	220 KGS	440 KGS
TRANSFER CAPACITY	-	5 M <sup>2</sup>	6 M <sup>2</sup>
COMPRESS OR	-	2.2 KW	3KW

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# MOBILE LIGHTING TOWER



## Technical Parameters

ENGINE	DIESEL AIR COOLED ENGINE
MODEL	168F
TYPE OF ENGINE	SINGLE CYLINDER AIR COOLED
POWER	9 HP
FREQUENCY	60 HZ
RPM	3600
EMISSION STANDARD	EURO 4
ALTERNATOR	BRUSHLESS SINGLE PHASE
GENERATOR ISOLATION	H CLASS
VOLTAGE	230 V
OUT PUT SOCKET	ONE (230V 10A)
CONTINUOUS WORKING TIME	28 HRS
OIL TANK CAPACIT	35 LT
L.E.D	4 X 300 W
LIFTING	MANUAL
LIFTING HEIGHT	8 MTRS
LENGTH	2180 MM
WIDTH	1130 MM
HEIGHT	2700 MM
WEIGHT	550 KGS
TYRE SIZE	13 INCH
TILTING	< 10 DEGREE
ANTI WIND	< CLASS 8
LABELING	MANUAL

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# CONCRETE PUMP

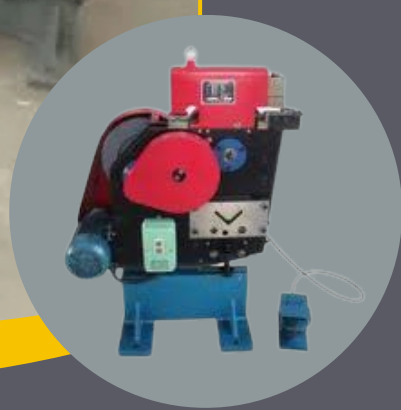


## Technical Parameters

BRAND	UNICORN
PRODUCT MODEL	TT-22-20
THEORETICAL THROUGHPUT	10-12/H
BONE DIAMETER	≤25
MAXIMUM PRESSURE	14MPA
CYLINDER DIAMETER STROKE	120*580MM
MOTOR POWER	22KW
OIL PUMP POWER	63(GEAR)U/S
CONVEYING PIPE DIAMETER	Φ80MM
DIMENSIONS	LENGTH 3100* WIDTH 1100* HEIGHT 1500MM
WEIGHT	1200KG
THEORETICAL TRANSMISSION DISTANCE	80-100M
THEORETICAL TRANSMISSION HEIGHT	50M
ATTACHMENTS	Φ80 IRON PIPE 30 METERS,1 TRANSPARENT HOSE (10M) Φ80 CARD :13,100 CARDS 1,90° ELBOWS :2 100-80 REDUCTION :1,45° ELBOW :1,HOSE CONNECTOR :1 SET,TOOLBOX :1 SET

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# IRON WORKER / MULTI-CUTTER



## Technical Parameters

MODEL	QA32-8	QA34-10	QA34-12	QA34-14
MAX SHEARING FORCE	400KN	600KN	900KN	1000KN
CUTTER STROKE LENGTH	27MM	30MM	36MM	36MM
CUTTING FREQUENCY	30 TIMES/MIN	30 TIMES/MIN	30 TIMES/MIN	30 TIMES/MIN
MOTOR POWER	2.2KW,380V,50HZ(3HP)	3KW,380V,50HZ(4HP)	4KW,380V,50HZ(5.5HP)	4KW,380V,50HZ(5.5HP)
SIZE	1000X500X1170 MM	1100X700X1600 MM	1100X800X1500 MM	1200X800X1500 MM
WEIGHT	500KG	750 KG	1100KG	1300KG
SHEARING THICKNESS	08MM	10MM	12MM	12MM
ANGLE STEEL	80X80X08	100X100X10 MM	125X125X12	135X135X12
CHANNEL STEEL	GB100#	GB120#	GB140#	GB160#
ROUND HOLE	DIA 22X8 MM	DIA.25X10 MM	DIA.31X12 MM	DIA.31X14 MM
LONG HOLE	40X17X8 MM	40X18X10 MM	40X21X12 MM	40X21X14 MM
CUTTING BOARD	200X12 MM	240X10 MM	330X20 MM	330X22 MM
ROUND BAR	DIA.30MM	DIA.35MM	DIA.40 MM	DIA.40 MM
SQUARE STEEL	20X20 MM	20X20 MM	35X35 MM	35X35 MM
FLAT STEEL	75X75 MM	75X75 MM	75X75 MM	75X75 MM
V ANGLE	50X 50	50X 50	50X50	50X50
BEVEL	70X70	100X100	125X125	125X125

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# FOGGING MACHINE



## Technical Parameters

DESCRIPTION	METRIC	METRIC
MODEL	UNI30	UNI50
FAN MOTOR	CROMPTON -5 HP	CROMPTON-10 HP
WATER PUMP	LUBI-2 HP	LUBI- 3 HP
WATER TANK	1000 LTR	1000 LTR
ELECTRIC PANEL	SCHINDLER WITH 14 INCH TYRE (HEAVY CHASIS)	SCHINDLER WITH 14 INCH TYRE (HEAVY CHASIS)
HEIGHT	30 MTR	50 MTR

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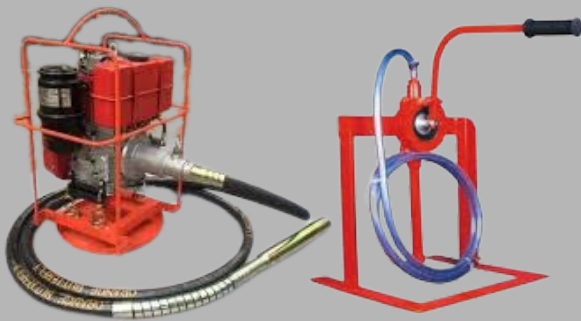
# UNICORN EQUIPMENT



**HAND TROWEL**



**BAR TYING MACHINE**



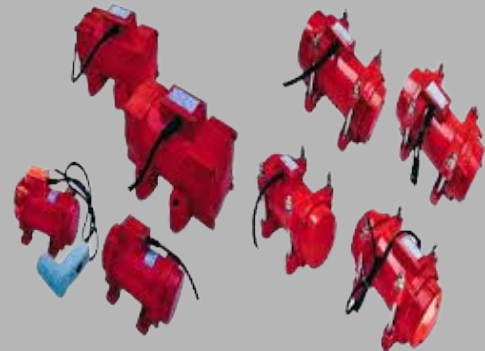
**CONCRETE VIBRATORS**



**PORTABLE HANDY VIBRATORS**



**HIGH FREQUENCY VIBRATORS**



**SHUTTER VIBRATORS**

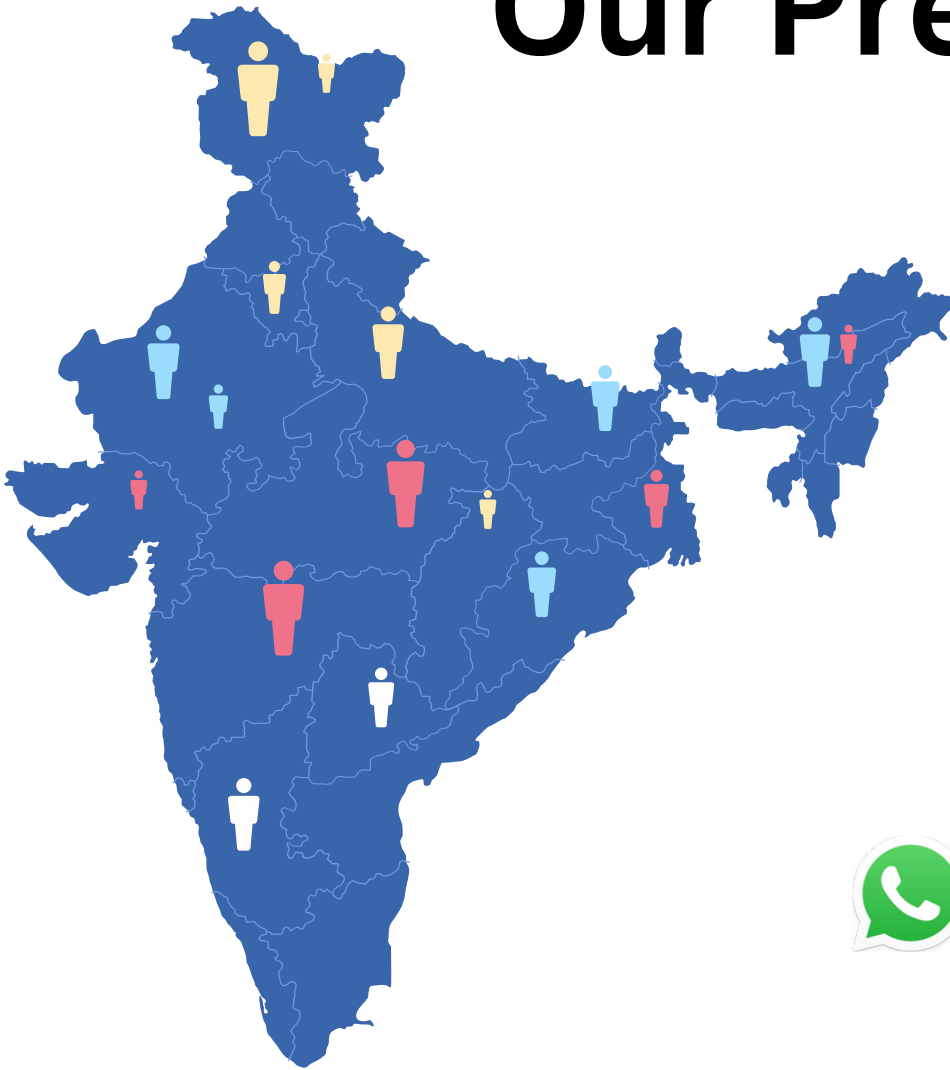


**GROUT PUMP**



**CUBE TESTING MACHINE**

# Our Presence



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**UNICORN  
EQUIPMENT**

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# UNICORN EQUIPMENT