

KATANA

MACHINERY

Compact & Mid-Size Tractor Attachments





For centuries Katana has been a symbol of highest quality swords across the world and still today it is one of the most recognizable symbols of Japan. Crafted from best kinds of iron, folded multiple times to strengthen the blade it was a masterpiece sword that Samurai could **always rely on**. It is one of the reasons why Katana has been often referred to as “The soul of the Samurai”.

This is what inspired us to create **KATANA Machinery** brand. A brand of **best in class attachments** designed and manufactured specifically for compact tractors of renowned Japanese manufacturers like Kubota, Iseki, Yanmar, Mitsubishi and many others. Having spent nearly a **decade in this industry** we have built a portfolio of compact tractor **attachments meeting highest quality expectations** that can always be relied on. During our cooperation with compact tractor dealers in multiple markets we have deeply understood market dynamics, customers’ demand and expectations. This led us to constant exploration of additional attachments and new manufacturers that would increase **quality and price attractiveness of our products for end customer**. On top of this we have started **proprietary manufacturing lines** of some products that allow us to have full control over the quality and manufacturing process. All of the points above let us provide end customers with **high end tractor implements at very competitive prices**.

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- Mounted on standard 3-point hitch
- Perfect for cutting grass using Y blades with quality of cut close to finishing mower
- After changing blades to hammers it handles mulching small brushes and bushes which makes it ideal for mowing neglected lawns and meadows
- Much safer than topper mower – closed construction prevents ejecting objects like stones or nails
- Loose blade mounting decreases risk of damaging mower when hitting stones, debris etc.
- Adjustable cutting height
- Support leg for storage

Model:	FLM 85	FLM 95	FLM 105	FLM 115	FLM 125	FLM 135
Tractor power:	15-25 HP	15-25 HP	15-25 HP	15-25 HP	18-25 HP	18-25 HP
Length:	66 cm	66 cm	66 cm	66 cm	66 cm	66 cm
Width:	95 cm	105 cm	115 cm	125 cm	135 cm	145 cm
Height:	76 cm	76 cm	76 cm	76 cm	76 cm	76 cm
Weight:	100 kg	115 kg	130 kg	145 kg	160 kg	175 kg
Cutting width:	85 cm	95 cm	105 cm	115 cm	125 cm	135 cm
Gearbox:	25 HP	25 HP	25 HP	25 HP	25 HP	25 HP
PTO:	540 RPM	540 RPM	540 RPM	540 RPM	540 RPM	540 RPM

HEAVY DUTY FLAIL MOWER (FLM-HD)



- Most universal compact tractor mower on the market
- Has all the advantages of FLM model and:
 - stronger gearbox
 - stronger rotor shaft
 - heavy duty hammer blades
- Supports both reversible Y blades and high strength hammer/mulching blades
- Equipped with heavy hammers it is great for dealing with small trees, thin branches and bushes in orchards and vineyards and for roadside maintenance
- Unlike finishing mower can be used on uneven surfaces with stones

Model:	FLM-HD 105	FLM-HD 125	FLM-HD 135	FLM-HD 145	FLM-HD 155	FLM-HD 165	FLM-HD 175
Tractor power:	18-28 HP	20-35 HP	25-35 HP	25-35 HP	30-40 HP	35-55 HP	35-55 HP
Length:	79 cm	79 cm	79 cm	79 cm	79 cm	79 cm	79 cm
Width:	117 cm	137 cm	147 cm	157 cm	167 cm	177 cm	187 cm
Height:	85 cm	85 cm	85 cm	85 cm	85 cm	85 cm	85 cm
Weight:	250 kg	278 kg	295 kg	315 kg	330 kg	345 kg	360 kg
Cutting width:	105 cm	125 cm	135 cm	145 cm	155 cm	165 cm	175 cm
Gearbox:	35 HP	35 HP	35 HP	35 HP	35 HP	50 HP	50 HP
PTO:	540 RPM	540 RPM	540 RPM	540 RPM	540 RPM	540 RPM	540 RPM



- Flail mower installed on hydraulically steered arm providing flexibility of cutting position
- Arm provides ability to cut behind the tractor as well as on the side of tractor and adjustment of cutting angle in 145° range:
 - 90° up from ground level (full vertical cut) which is perfect for cutting hedges or fences
 - 55° down from ground level when mowing verges, ditches etc.
- Full control over mower from driver's seat
- Ideal for mowing difficult surfaces like hedges, fences, verges, ditches or spaces between trees, posts etc.

Model:	VFLM 105	VFLM 125	VFLM 145	VFLM 165
Tractor power:	20-30 HP	25-35 HP	30-40 HP	35-50 HP
Weight:	240 kg	255 kg	270 kg	310 kg
Cutting width:	105 cm	125 cm	145 cm	165 cm
Gearbox:	35 HP	35 HP	50 HP	50 HP
PTO:	540 RPM	540 RPM	540 RPM	540 RPM

TOPPER MOWER (TRM)

- Simple construction with 2 loose blades installed on arm driven directly by gear box
- Cheaper alternative for flail mower designed for longer grass and with worse quality of cut
- Deals with tall grass, thick weeds and woody plants
- Good for overgrown pastures, roadsides and non-residential areas due to risk of ejecting stones etc.



Model:	TRM 90	TRM 100	TRM 110	TRM 120
Tractor power:	16-25 HP	18-25 HP	20-30 HP	20-30 HP
Length:	90 cm	100 cm	110 cm	120 cm
Width:	90 cm	100 cm	110 cm	120 cm
Cutting width:	87 cm	97 cm	107 cm	117 cm
Gearbox:	30 HP	30 HP	30 HP	30 HP
PTO:	540 RPM	540 RPM	540 RPM	540 RPM

FINISHING MOWER (FGM)



- Equipped with 3 belt-driven double blades
- Finest cutting quality at precise and constant level due to wheels used also for setting cutting height
- Best choice for well kept grass lawns on yards, sports pitches, in parks etc.

Model:	FGM 100	FGM 120	FGM 150	FGM 180
Tractor power:	15-25 HP	18-28 HP	20-35 HP	30-45 HP
Length:	112 cm	130 cm	138 cm	170 cm
Width:	105 cm	128 cm	158 cm	185 cm
Cutting width:	99 cm	119 cm	149 cm	179 cm
Cutting heights:	3-8 cm	3-8 cm	3-8 cm	3-8 cm
No. of blades	1	3	3	3
Gearbox:	30 HP	30 HP	30 HP	30 HP
PTO:	540 RPM	540 RPM	540 RPM	540 RPM

COLLECTOR FLAIL MOWER (FCM)

- Construction based on heavy duty flail mower
- Large cuttings collector with convenient, hydraulically opened and closed cover
- Two wheels stabilizing mower and used for adjusting cutting height



Model:	FCM 90	FCM 120	FCM 160
Tractor power:	20-40 HP	20-40 HP	28-50 HP
Length:	159 cm	159 cm	159 cm
Width:	105 cm	135 cm	175 cm
Cutting width:	90 cm	120 cm	160 cm
Capacity:	0.4 m ³	0.55 m ³	0.7 m ³
Gearbox:	35 HP	35 HP	50 HP
PTO:	540 RPM	540 RPM	540 RPM



DRUM MOWER (DMM)



- 100 cm drum mower for 15 – 30 HP compact tractors
- Mower designed for cutting high sedge and cane-like plants without mulching
- Ideal for users collecting forage on small and mid-size fields
- The mower has 2 drums, each equipped with 3 knives recovering high quality swath
- Loose mounting of knives allows quick and easy replacement and protects construction when hitting stones

STONE BURIER

- Soil cultivator mounted on a 3-point hitch and powered by a PTO shaft
- Buries heavy stones and debris on depth of ca. 10 cm covering them with fine, tilled soil which is then gently levelled by the roller making it ready for grass seeding
- When used for ground with a lot of plants it mulches them and mixes with soil turning them into natural fertilizer
- All-in-one - prepares soil perfect for seeding at one go
- Bestseller among landscaping companies, gardeners and owners of large lawns, gardens and parks



Model:	SEB 105	SEB 115	SEB 125	SEB 145	SEB 165
Tractor power:	20-30 HP	20-30 HP	25-30 HP	28-40 HP	35-45 HP
Weight:	330 kg	347 kg	355 kg	380 kg	405 kg
Working width:	95 cm	105 cm	115 cm	135 cm	155 cm
Working depth:	12 cm	12 cm	12 cm	12 cm	12 cm
Efficiency:	1500-2000 m ² /h	1700-2200 m ² /h	1800-2400 m ² /h	2100-2800 m ² /h	2400-3200 m ² /h
PTO:	540 RPM	540 RPM	540 RPM	540 RPM	540 RPM

POST HOLE DIGGER



- Solid post hole digger for 20-40 HP tractors mounted on cat. 1 three-point linkage
- Driven by PTO shaft with safety cover on integrated gear box
- It is a great choice for multiple businesses including but not limited to:
 - building and development
 - fencing
 - orchards
 - tree planting
- Available auger diameter sizes: 4", 6", 8", 10", 12", 14", 16", 18" all with 130 cm length



- Solid front-end loader inspired by best and most reliable constructions and manufactured using best components
- Comes in different settings and options based on customer request:
 - fixed basic bucket
 - detachable bucket with quick hitch
 - hydraulically opened 4-in-1 bucket
 - optional pallet forks
 - optional bale spear
- Depending on the size of tractor its maximum load capacity is between 180 kg and 350 kg
- With its broad range of applications the front-end loader is a real game changer when it comes to compact tractor's usability
- Following functionalities are just a fraction of its full capabilities:
 - loading, moving and unloading loose products like sand, soil, rubble, grains and many more
 - lifting and holding up heavy objects
 - watering remote plants
 - levelling ground
 - cleaning and removing snow
 - good substitute for snowblade
 - with pallet forks
 - good substitute for forklift



BE 155



BE 210

- Cheap yet 100% functional alternative for standalone compact backhoe
- Main characteristics:
 - 180° arm's operating angle
 - stabilizing legs
 - own operator's seat
 - intuitive and user friendly operating joysticks
- Available models with own pump powered by PTO shaft as well as ones driven by tractor's hydraulic system
- We find backhoes with own hydraulic pump better constructions than backhoe driven by tractor's hydraulic system because:
 - its own strong pump is better fitted and provides higher pressure for heavy duty needs of a digger
 - backhoe is stronger and more responsive

We recommend BE 155H for light duty needs while other models for heavy duty purposes
- Available bucket sizes: 9", 15", 18", 35" width

Model:	BE 155H	BE 155	BE 210
Tractor power:	16-30 HP	16-30 HP	20-40 HP
Weight:	350 kg	380 kg	450 kg
Digging depth	155 cm	155 cm	210 cm
Own pump (PTO driven)	No	Yes	Yes



- Large selection of tipping trailers with back and side tipping set using hinges
- Strong centrally installed hydraulic cylinder powered by tractor's hydraulic system
- Trailer jack or jockey wheel for easy storage and moving
- 3 available sizes (internal dimensions LxWxH):
 - 200 x 120 x 40 cm – 1200 kg
 - 280 x 120 x 40 cm – 1500 kg
 - 280 x 150 x 50 cm – 1500 kg
- Mesh extensions available, doubling the height of trailer's box

TRANSPORT BOX



- Mounted on a 3-point hitch cat. 1 of a compact or mid-size tractor
- Smart construction allows tipping of the box with a simple pull of a lever and automatic hitching by lowering the rear arms of the tractor
- Multiple applications:
 - transportation
 - spreading sand, salt, fertilizers etc
 - snow plowing when driving backwards
- Available sizes (WxLxH):
 - 100 x 65 x 45 cm
 - 125 x 65 x 45 cm
 - 125 x 85 x 45 cm
 - 150 x 85 x 45 cm



BASIC PALLET FORKS

- Pallet forks mounted on 3-point linkage cat. 1 with static width between forks of 38 cm
- Main characteristics:
 - fork length – 119 cm
 - fork width – 10 cm
 - fork height – 5 cm
 - max. load of 400 kg



ADJUSTABLE PALLET FORKS

- Pallet forks for compact tractor with adjustable width of forks mounted on 3-point linkage
- Main characteristics:
 - fork length – 83 cm
 - width between forks from 15 cm to 69 cm with adjustment step of 9 cm
 - max. load of 400 kg

SWEEPER

- Sweeper powered by compact tractor's hydraulic system
- 120 cm working width - suitable for compact tractors of at least 16 HP
- Mounted on 3-point linkage, can be installed in front and back of the tractor
- Equipped with hydraulically steered collector allowing quick and convenient opening and closing collector without leaving the tractor
- Stabilizing wheels used for adjusting height of sweeping
- High quality brush providing precise sweeping and long life





- Snow plow with 140-160 cm working width depending on order
- Solid construction comprising of plow, mounting system, hydraulic hoses, 2 hydraulic cylinders and a floating spool valve
- Reinforced rubber blade and a floating spool valve guarantee long life and a lower risk of snow plow's damage
- Fully hydraulic control:
 - lower – raise
 - left – rightprovides convenience of adjusting plow's angle without leaving the tractor

FERTILIZER/SALT/SAND SPREADER

DISK SPREADER

- Fertilizer, salt, sand spreader with 200 kg capacity
- Mounted on a 3-point hitch of a compact tractor with at least 15 HP
- Centrally installed spreading disc driven by PTO shaft works well with dry fertilizer, salt etc.



BELT-DISK SPREADER

- Improved construction with a belt installed below the funnel transporting the salt or sand to spreading disc
- Regular amounts of substance delivered to disc allow this spreader to work with slightly humid substances without clogging the disc or funnel
- Favourite choice of maintenance firms removing snow





WDC 10



WDC 15

- Wood chipper attached to tractor's 3-point linkage and powered by a PTO shaft
- Designed to process branches and trunks of up to 15 cm diameter
- The wood is shredded into scobs that can be used as:
 - heating fuel
 - compost
 - mulch
- Ideal for orchards, tree nurseries and tree thinning companies
- Replaceable blades available in our stock

Model:	WDC 10	WDC 15
Tractor power:	15-40 HP	20-40 HP
Weight:	200 kg	420 kg
Max. branch diameter:	100 mm	150 mm
Gearbox:	25 HP	25 HP
PTO:	540 RPM	540 RPM

ORCHARD SPRAYER

- Airblast sprayer with 200 l tank mounted on a 3-point hitch, suitable for 15+ HP tractors
- Sprayer's hydraulic pump and rear fan powered by PTO shaft
- Equipped with 20 nozzles generating fine mist on both sides of tractor and a fan blowing air to spread pesticides and fertilizers on bigger distances
- Separate tank for fresh hand- washing water
- Perfect choice for owners of:
 - orchards
 - vineyards
 - berry farms
 - tree nurseries
 - small fields
- Thanks to its small size this sprayer mounted on a compact tractor will fit even very narrow lanes between trees



FIELD SPRAYER



- Field sprayer with 200 l tank mounted on a 3-point hitch
- Powered by PTO shaft and suitable for 20+ HP tractors
- Supplied with 36 non-drip nozzles
- Spraying width of 6 m and 1.8 – 5.4 ha/h efficiency
- Hydraulic agitator
- Separate tank with fresh water for hands washing
- Manually foldable booms and built-in ground stand for convenient storage when empty

PLOUGH

- Single, double or triple furrow ploughs mounted on a 3-point linkage
- Solid, high quality construction
- Working depth of 20 cm
- Working width of 20, 40 and 60 cm for single, double and triple furrow ploughs respectively
- Designed for tractors of minimum 10, 20 and 30 HP



RIDGING PLOUGH



- Three-section ridging plough mounted on a 3-point hitch
- Can be set to form 62.5 or 67.5 cm ridges
- Compatible with our potato planters

POTATO PLANTER

- Potato planters mounted on a 3-point linkage designed for compact and mid-size tractors
- Planting mechanism powered by wheels movement
- Single and double row planters for tractors of at least 15 and 25 HP respectively
- Covers the whole process of planting potatoes:
 - makes furrows
 - automatically seeds the potatoes
 - ridges the seeded plants with soil
- Potatoes can be planted at variable distances between each other (29, 32 and 35 cm) set by changing the diameter of wheels



3-POINT HITCH



3-POINT FRAME



TOWBAR



PTO SHAFT



TYRES



SEAT



FILTERS



TOP LINK



FINISHING & TOPPER MOWER BLADES



FLAIL MOWER BLADES



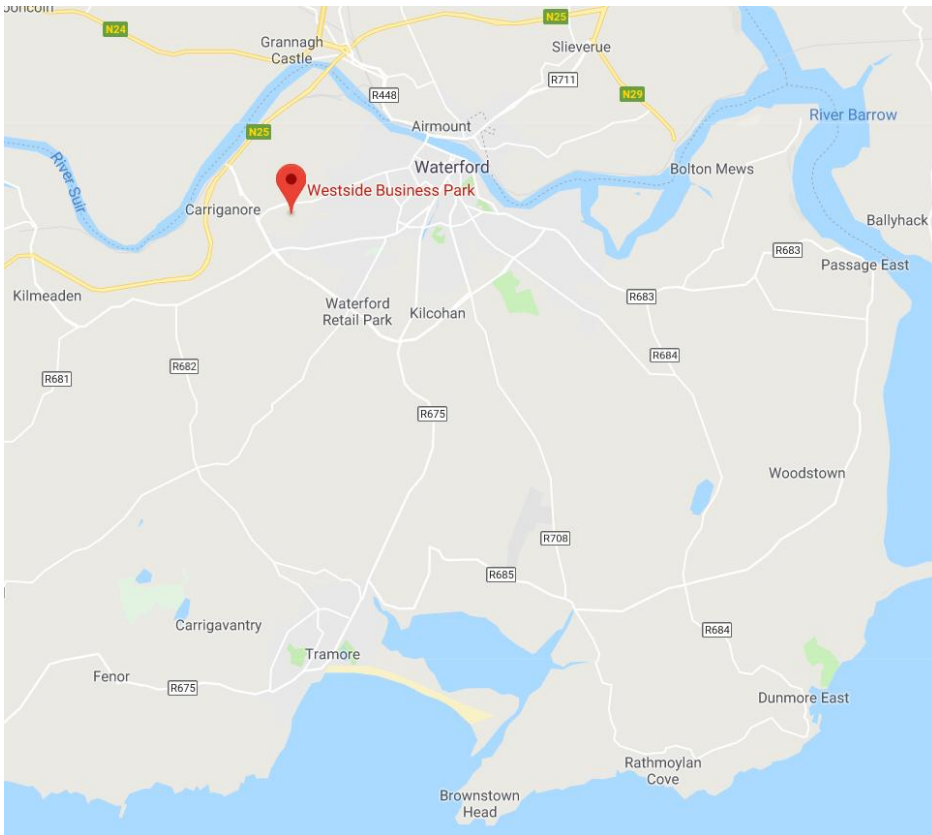
ROTARY TILLER BLADES



STONE BURIER BLADES



Your local KATANA Machinery dealer:



Source: Google Maps

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