

A close-up photograph of a red MTS X3 Duo compactor attachment mounted on a larger piece of machinery. The compactor is positioned on a surface of loose soil and gravel. The red body of the compactor features a digital display on the left side showing a green bar graph and the number 'X3'. To the right of the display is the MTS logo and a black label that reads 'W8 X3-DUO'. The top of the compactor is connected to a larger grey metal component, likely the backhoe loader's boom, which has a 'Dihand' logo. The background is a blurred outdoor construction site.

# ATTACHEMENT COMPACTOR

# MTS STANDARD COMPACTOR

## True all-rounder

With its robust design and first-class performance, this compactor offers a reliable solution for a wide range of construction projects. The MTS compactor range extends from the agile mini compactor (V3 Mini) to the powerful heavyweight (V10) and covers all excavator sizes from 3 to 45 tons.

- **Eccentric and narrow design**  
Higher range and good side clearance
- **Low construction height**  
Especially the V3/V4-WA compactor for compacting below obstacles and in shoring
- **Frequency control**  
Correct frequency during compaction
- **Load assistant**  
Checks the present load
- **EXTREMELY POWERFUL: switching levels**  
Frequency and impact power can be selected directly from the excavator
- **Compaction assistant**  
Reports the end of compaction

- **Sturdy MTS rotary mechanism**  
No turning away, slide-bearing support

- **3D compaction check**  
Documentation of the compaction result

- **SMART: Fork-lift truck holding fixture**  
Seamless transport with the fork-lift

- **Optional: Interchangeable adapter**  
Change of add-on plates within seconds



# MTS UNIVERSAL COMPACTOR

## For the line zone and narrow trenches

Where narrow trenches, line zones or backfilling pose high demands on the compactor, working with the universal compactor replaces tedious and risky compaction with a hand-operated rammer. The telescopic upper part (UT 8-2) can be infinitely adapted to any trench depth.

- **UT 8-2: Telescopic upper part**  
Can be adapted to construction site requirements

- **Narrow design**  
Ideal for narrow trenches and pits

- **Maximum side clearance**  
for accident-free working

- **Optimum compaction**  
at difficult-to-access points

- **No exhaust gas pollution**  
Replaces hand-operated rammer



# MTS INTERCHANGEABLE ADAPTER COMPACTOR

## The "Swiss Army knife" among attachment compactors

We offer the right attachment for every application to fully prepare your compactors for all construction site tasks. A hydraulic interchangeable adapter (WA) allows you to change between different add-on plates in just a few seconds, perfectly equipping your compactors for all compaction requirements in next to no time.

### Interchangeable plate

From 64 to 200 cm in width



Width [cm]	36	44	64	80	100	120	140	160	200
V3 WA / V4 WA	✓	✓	✓	✗	✗	✗	✗	✗	✗
Weight [kg]	80	150	155	-	-	-	-	-	-
V6 DUO	✗	✗	✓	✓	✓	✓	✓	✗	✗
Weight [kg]	-	-	290	305	360	430	490	-	-
V8 DUO / V10 DUO	✗	✗	✗	✓	✓	✓	✓	✓	✓
Weight [kg]	-	-	-	375	430	500	510	520	620

### Sheepsfoot plate

Ideal for cohesive soils



Width [cm]	44	64	80	100
V3 WA / V4 WA	✓	✗	✗	✗
Weight [kg]	160	-	-	-
V6 DUO	✗	✓	✗	✓
Weight [kg]	-	290	-	395
V8 DUO / V10 DUO	✗	✗	✓	✓
Weight [kg]	-	-	410	465

- **Interchangeable adapter**

Change of add-on plates within seconds

- **REVOLUTIONARY: DUO technology**

The add-on plates can be changed manually on the compactor or from the driver's cab.

- **Tool drop protection**

Prevents tool from falling

- **Custom plate**

For special requirements, we also produce special plates for your individual construction site tasks



## Double-foot plate

For the pipeline zone



Model designation corresponds to SB pipes DN	DFP 150-300	DFP 150-300	DFP 300-600	DFP 600-900	DFP 900-1200
Compactor	V6 DUO	V8 DUO / V10 DUO	V8 DUO / V10 DUO	V8 DUO / V10 DUO	V8 DUO / V10 DUO
Adjustment range [cm]	30-65	30-65	60-100	100-140	138-180
Weight [kg]	625	625	720	950	1,090

## Compactor foot

Pin-point compaction



Height x width [cm]	50 x 15	80 x 20	36 x 28	100 x 40	200 x 25
V3 WA / V4 WA	✓	✗	✓	✗	✗
Weight [kg]	130	-	125	-	-
V6 DUO	✗	✓	✗	✓	✗
Weight [kg]	-	640	-	735	-
V8 DUO / V10 DUO	✗	✗	✗	✓	✓
Weight [kg]	-	-	-	785	980

\*All compactors can be mounted eccentrically and centrally.

## Sheet pile clamp

Flexible driving and extracting

	Clamping force	Clamping jaw	Weight
SK30	30 t at 200 bar	5 cm	V6: 550 kg
SK50	30 t at 200 bar	5 cm	V8/V10: 675 kg



## Screen bucket SB-20 for V3 WA / V4 WA

Screen bucket with 20 mm screen line

<b>SB-20</b>	V3 WA / V4 WA
Cutting edge width	490 kg
Screen line	20 mm
Weight	140 kg



# TECHNICAL SPECIFICATIONS



## Standard compactor

Model	V3-mini	V3	V4	V6 R6		V7 R9				V8 R9   R18			V10 R18		
Type	X1 38 Hz	X1 38 Hz	X1 38 Hz	X1 38 Hz	X1 VA	X1 38 Hz	X1 60 Hz	X3 VA	X3 EVA	X1 60 Hz	X3 VA	X3 EVA	X1 60 Hz	X3 VA	X3 EVA
Recommended excavator size	up to 6 to	up to 6 to	4-10 to	8-15 to		15-25 to				18-35 to			21-45 to		
Weight with rotary mechanism [kg]	100	340	390	600		1,100				1,180			1,360		
Base plate [mm]	290 x 600	360 x 900	440 x 920	640 x 1,250		740 x 1,475				800 x 1,480			990 x 1,480		
Height [cm]	435	555	565	630		780				810			810		
Fill level	10-30 cm / 1.5 to	20-30 cm / 2 to	30-40 cm / 2.5 to	40-60 cm / 4 to		50-70 cm / 5 to				60-80 cm / 6 to			70-90 cm / 7 to		
Compaction assistant (VA)	X	X	X	X	✓	X	X	✓	✓	X	✓	✓	X	✓	✓
3D compaction testing (EVA)	X	X	X	X	X	X	X	X	✓	X	X	✓	X	X	✓
Oil requirement [l/min]:	X1	25-60	35-40	55-60	55-140	150-240	165-240	150-240		165-240	150-240		165-240	150-240	
	X2	-	-	-	-	-	-	135-240		-	135-240		-	135-240	
	X3	-	-	-	-	-	-	165-240		-	165-240		-	165-240	
Working pressure [bar]:	X1	170-250	250-310	250-310	250-310	170-250	250-310	170-250		250-310	200-250		250-310	200-250	
	X2	-	-	-	-	-	-	250-310		-	250-310		-	250-310	
	X3	-	-	-	-	-	-	300-310		-	300-310		-	300-310	
Centrifugal force [kN]:	X1	8.5	18	27	53	68	68	68		90	90		105	105	
	X2	-	-	-	-	-	-	40		-	50		-	55	
	X3	-	-	-	-	-	-	45		-	90		-	105	
Frequency [Hz]:	X1	38	38	38	38	38	60	38		60	38		60	38	
	X2	-	-	-	-	-	-	45		-	45		-	45	
	X3	-	-	-	-	-	-	60		-	60		-	60	

✓ = included

X = not included



Interchangeable adapter compactor								Universal compactor			
Model	V3 WA R3	V4 WA R3	V6 WA R6	V6 DUO R6	V8 DUO R18		V10 DUO R18		US 8-2 R9	UT 8-2 R9	
Type	X1 38 Hz	X1 38 Hz	X1 38 Hz	X1 VA	X3 VA	X3 EVA	X3 VA	X3 EVA			
Recommended excavator size	up to 6 to	4-10 to	8-15 to		18-35 to		21-45 to		>6 tons		
Weight* with rotary mechanism [kg]	340	340	585		1,200		1,360		500	700	
Base plate [mm]	-	-	-		-		-		255 x 830	255 x 830	
Height [cm]	770	770	630		810		810		Exterior: 1,490 Interior: 1,040	Exterior: 2,000-2,500 Interior: 1,545-2,045	
Fill level	20-30 cm / 2 to	30-40 cm / 2.5 to	40-60 cm / 4 to		60-80 cm / 6 to		70-90 cm / 7 to		20-40 cm / 2 to	20-40 cm / 2 to	
Compaction assistant (VA)	X	X	X	✓	✓	✓	✓	✓	-	-	
3D compaction testing (EVA)	X	X	X	X	X	✓	X	✓	-	-	
Oil re-requirement [l/min]:	X1	35-50	60-90	55-140		150-240		150-240		55-140	55-140
	X2	-	-	-		135-240		135-240		-	-
	X3	-	-	-		165-240		165-240		-	-
Working pressure [bar]:	X1	250-310	250-310	250-310		200-250		200-250		120-250	120-250
	X2	-	-	-		250-310		250-310		-	-
	X3	-	-	-		300-310		300-310		-	-
Centrifugal force [kN]:	X1	18	27	53		90		105		12	12
	X2	-	-	-		50		55		-	-
	X3	-	-	-		90		105		-	-
Frequency [Hz]:	X1	38	38	38		38		38		38	38
	X2	-	-	-		45		45		-	-
	X3	-	-	-		60		60		-	-

\* Weight of interchangeable adapter compactor without interchangeable plate

✓ = included

X = not included

# MTS COMPLETE MODULAR SYSTEM

Probably the most future-proof and sustainable system solution currently available on the market!

## MTS-Navi + MTS compact EVA = 3D compaction testing

This unique system solution takes a holistic view of the construction process and brings together what has always belonged together: automation and digitization technologies.

The MTS compactor EVA and MTS-NAVI work together to automatically run and record 3D compaction tests for the first time.

- ✓ Testing in real time
- ✓ Report in 3D
- ✓ Answers to all the W's at a glance (Who, when, where, which machines, which results, which installation thicknesses)
- ✓ Complete documentation
- ✓ NO extra effort
- ✓ Each compaction step has a testing step
- ✓ Approved as per ZTVE-StB 17

