

Plugin Comparison

RP Engine (0.1.73) beside six other content plugins. A tick is something the plugin does out of the box, with no paid addon and no second plugin.

	RP Engine	ItemsAdder	Model Engine	BetterModel	Nexo	Oraxen	CraftEngine
CONTENT							
Custom items	✓	✓	✗	✗	✓	✓	✓
Custom blocks	✓	✓	✗	✗	✓	✓	✓
Placeable furniture	✓	✓	✗	✗	✓	✓	✓
Sit on furniture	✓	✓	Partly	Partly	✓	✓	✓
Custom armour textures	✓	✓	✗	✗	✓	✓	✓
3D armour worn on the body	✓	Partly	✗	✗	Partly	Partly	✓
Custom sounds	✓	✓	✗	✗	✓	✓	✓
Chat icons and emoji	✓	✓	✗	✗	✓	✓	✓
Custom recipes	✓	✓	✗	✗	✓	✓	✓
Custom liquids	✓	Partly	✗	✗	✗	✗	✗
MODELS AND MOVEMENT							
Animated 3D models	✓	✓	✓	✓	✗	✗	✗
Mobs with custom models	✓	✓	Partly	Partly	✗	✗	✗
Player emotes	✓	✓	Partly	✓	✗	✗	✗
Driveable vehicles	✓	✓	Partly	Partly	✗	✗	✗
SCREENS							
Custom GUI screens	✓	Partly	✗	✗	✓	✓	Partly
HUD overlays	✓	✓	✗	✗	Partly	✓	Partly
Minecraft dialogs (1.21.6+)	✓	✗	✗	✗	✓	✗	✗
RUNNING A SERVER							
Builds and hosts the pack	✓	✓	✗	✗	✓	✓	✓
Imports other plugins' content	✓	✗	✗	Partly	✓	Partly	✗
Browser editor with AI generation	✓	✗	✗	✗	✗	Partly	✗
Developer API	✓	✓	✓	✓	✓	✓	✓
Free	✓	✗	✗	✓	✗	✗	✓
Open source	✓	✗	✗	✓	✗	Partly	✓

Notes

Model Engine · Sit on furniture: seat bones on a model, mounted through MythicMobs or the API.
BetterModel · Sit on furniture: a mountable bone on a model; no furniture.
RP Engine · 3D armour worn on the body: built in Studio.
ItemsAdder · 3D armour worn on the body: helmets only.
Nexo · 3D armour worn on the body: helmets only.
Oraxen · 3D armour worn on the body: a back cosmetic and hats only.
RP Engine · Custom liquids: water or lava with your own rules: swim, damage, effects.
ItemsAdder · Custom liquids: decorative only; they do not flow.
Model Engine · Mobs with custom models: needs MythicMobs, Citizens or the API.
BetterModel · Mobs with custom models: a model on a base mob; behaviour needs MythicMobs or the API.
ItemsAdder · Player emotes: 1.21.4+ for the full version.
Model Engine · Player emotes: turns a player into a model; no emote system.
RP Engine · Driveable vehicles: cars, bikes, boats and aircraft, with handling and per-state animation.
ItemsAdder · Driveable vehicles: its own wiki calls them simple.
Model Engine · Driveable vehicles: mount controllers, mounted through MythicMobs or the API.
BetterModel · Driveable vehicles: a rideable model, no vehicle system.

ItemsAdder · Custom GUI screens: the art; menu logic needs another plugin or the API.
CraftEngine · Custom GUI screens: images in titles; no menu builder.
Nexo · HUD overlays: glyphs only; no HUD system.
CraftEngine · HUD overlays: images in the action or boss bar; no HUD system.
RP Engine · Imports other plugins' content: ItemsAdder, Nexo, Oraxen, CraftEngine, Model Engine and BetterModel folders, as they are.
BetterModel · Imports other plugins' content: Model Engine models.
Nexo · Imports other plugins' content: Oraxen and ItemsAdder.
Oraxen · Imports other plugins' content: merges other packs' files, not their content.
RP Engine · Browser editor with AI generation: ResourcePack AI Studio; /rp edit opens any model in it.
Oraxen · Browser editor with AI generation: Oraxen Studio, private beta.
CraftEngine · Free: a paid edition adds a few extras.
RP Engine · Open source: GPL-3.0.
BetterModel · Open source: MIT.
Oraxen · Open source: source is public, but its licence forbids redistribution.
CraftEngine · Open source: GPL-3.0.

How this was checked

Every column comes from that plugin's own documentation and store pages, read in October 2026. A cross means the feature is not in that documentation, not that we proved it impossible. **Partly** means it exists in a limited form, and the note says how. If a plugin has shipped something since, tell us and we will correct the sheet.

RP Engine: github.com/resourcepack-ai/rp-engine (README, FORMAT.md, API.md)
ItemsAdder: wiki.itemsadder.com, itemsadder.com
Model Engine: wiki.mythiccraft.io/modelengine, mythiccraft.io
BetterModel: github.com/toxicity188/BetterModel and its wiki, modrinth.com/plugin/bettermodel
Nexo: docs.nexomc.com, nexomc.com
Oraxen: docs.oraxen.com, github.com/oraxen/oraxen, oraxen.com
CraftEngine: xiao-momi.github.io/craft-engine-wiki, github.com/Xiao-MoMi/craft-engine